MANITOBA VITAL STATISTICS

A REGIONAL ANALYSIS

2000

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EXECUTIVE SUMMARY

LIVE BIRTHS

There were 13,979 live births in Manitoba during 2000. Of these, 9,639 (69.0) occurred in Winnipeg. The Winnipeg region had the highest birth rate with 15.3 births per thousand population, followed by the North with a birth rate of 12.0. The lowest birth rates were in the Interlake and Southeast regions, with rates of 3.7 and 4.4 respectively. For Manitoba, the birth rate was 12.2 births per thousand population.

There were 6,794 (48.6%) female births and 7,184 (51.4%) male births. For every thousand females in the population there were 11.8 female births, compared to 12.6 male births for every thousand males in the population. The Southeast and South Central were the only two regions that recorded a higher number of female births than male births.

DEATHS

There were 9,821 deaths in Manitoba during 2000. There were 5,903 (60.1%) in Winnipeg alone. The regions with the highest death rates were the Parklands and Southwest regions with 12.0 and 10.5 deaths per thousand population. The North region had the lowest death rate with 4.0, followed by the Southeast with a rate of 6.2. The death rate for Manitoba was 8.6.

There were 4,816 (49.0%) female deaths, compared to 5,004 (51.0%) male deaths. The male death rate was higher than the female death rate in seven of Manitoba's eight Economic Regions. At the Manitoba level, the male death rate was 8.8, while the female death rate was 8.3.

STILLBIRTHS

The number of stillbirths in Manitoba in 2000 was 130. Of these stillbirths, 93 (71.5%) occurred in Winnipeg. The North had the second highest number with 13 (10.0%) stillbirths, followed by the Southwest region with 12 stillbirths (9.2%) and the Parklands region with 4 stillbirths (3.1%). The Southeast and South Central regions reported 3 stillbirths, North Central 2 stillbirths, while the Interlake region reported 0 stillbirths during 2000.

The rate of female stillbirth was 7.9 per thousand female live births and the rate of male stillbirth was 10.0 per thousand male live births.

NATURAL INCREASE

In 2000, Manitoba had a net population gain of 4,158 persons due to natural increase. Manitoba's rate of natural increase in 2000 was 3.6 persons per thousand population. The Interlake region had the largest rate of natural decrease of 3.5 persons per thousand. Two other regions recorded a small net loss during 2000. The North region had the greatest rate of natural increase, that being 8.0, followed by Winnipeg with a rate of 5.9 per thousand.

Rates at the Manitoba level were 3.4 females per thousand and 3.8 males per thousand. Rates in Winnipeg were 5.1 females per thousand and 6.8 males per thousand.

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Cartography by Manitoba Natural Resources
Land Information Division

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INTRODUCTION

This report presents data on the vital statistics (births, deaths, and stillbirths) occurring during 2000 in the province of Manitoba. Historical data from 1984 to 1999 is available in previous Manitoba Bureau of Statistics reports. The charts and tables in this report were constructed using data that was reported by the Vital Statistics Agency, Manitoba Consumer and Corporate Affairs.

This data refers to events that **occurred in Manitoba and involved Manitobans by place of occurrence**. Where all characteristics of an event have not been recorded, the vital event has been omitted from that statistical table.

The population figures used are from the Statistics Canada July 1, 2000 postcensal estimates of population. Where population estimates are not available, population projections from the Manitoba Bureau of Statistics have been used to derive the approximate distribution of the population by age and sex. The Statistics Canada estimate was then broken down according to this distribution.

Manitoba is divided into 8 Official Regions for Data Collection (also known as Economic Regions). The following table illustrates the association between data collection region, economic region, and census division.

OFFICIAL REGION FOR DATA COLLECTION	ECONOMIC REGION	CENSUS DIVISION
Southeast	10	1, 2, 12
South Central	20	3, 4
Southwest	30	5, 6, 7, 15
North Central	40	8, 9, 10
Winnipeg	50	11
Interlake	60	13, 14, 18
Parklands	70	16, 17, 20
North	80	19, 21, 22, 23

The map on the opposite page also illustrates these relationships.

Further information and custom tabulations on the 2000 vital statistics can be obtained from the Manitoba Bureau of Statistics by contacting David Greenwood at (204) 945-2989.

TABLE VIII presents Manitoba deaths during 2000 by cause of death. The causes of death are coded according to the "Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death", based on the Tenth Revision Conference, 2000.

The following lists the major causes of death and their codes:

Infectious and Parasitic Diseases (A00-B99)

Cancer (C00-C97)

Diabetes (E10-E14)

Psychoses (F01-F39)

Hereditary and Degenerative Central Nervous System (G10-G37)

Hypertensive Disease (I10-I13)

Heart Disease (I20-I51)

Cerebrovascular Disease (I60-I69)

Diseases of Arteries, Arterioles, Capillaries (I70-I78)

Pneumonia (J12-J18)

Chronic Obstructive Pulmonary Disease (J40-J47)

Other Respiratory Diseases (J80-J98)

Diseases of Oesophagus, Stomach and Duodenum (K20-K31)

Other Intestinal and Peritoneum Diseases (K55-K66)

Other Diseases of the Digestive System (K70-K92)

Musculoskeletal System and Connective Tissue (M00-M08, M11-M99)

Nephritis, Nephrotic Syndrome, Nephrosis (N00-N07, N17-N19, N25-N27)

Symptoms and Abnormal Findings (R00-R94)

Ill-Defined and Unknown Causes (R95-R99)

Accidents (V01-X59, Y40-Y86, Y88)

Other Causes (D00-D89, E00-E07, E15-E88, F40-F99, G00-G09, G40-G98, H00-H93, I00-I09, I80-I99, J00-J11, J20-J39, J60-J70, K00-K14, K35-K52, L00-L98, M10, N10-N15, N20-N23, N28-N98, O00-O99, P00-P96, Q00-Q99, X60-Y36, Y870, Y871, Y890, Y891, Y892 and Y899)

TABLE I MANITOBA 2000 VITAL STATISTICS BY ECONOMIC REGION

REGION	POPULATION IN 000'S (JULY 1/00)	LIVE BIRTHS	STILL BIRTHS	DEATHS	NATURAL INCREASE	RATES			
						LIVE BIRTHS	STILL BIRTHS	DEATHS	NATURAL INCREASE
SOUTHEAST	88.2	385	3	548	-163	4.4	7.8	6.2	-1.8
SOUTH CENTRAL	53.2	591	3	403	188	11.1	5.1	7.6	3.5
SOUTHWEST	106.1	1,233	12	1,114	119	11.6	9.7	10.5	1.1
NORTH CENTRAL	48.8	360	2	342	18	7.4	5.6	7.0	0.4
WINNIPEG	631.3	9,639	93	5,903	3,736	15.3	9.6	9.4	5.9
INTERLAKE	84.4	308	0	601	-293	3.7	0.0	7.1	-3.5
PARKLANDS	46.4	410	4	556	-146	8.8	9.8	12.0	-3.1
NORTH	87.6	1,053	13	354	699	12.0	12.3	4.0	8.0
MANITOBA	1,146.0	13,979	130	9,821	4,158	12.2	9.3	8.6	3.6

NOTE: RATES FOR LIVE BIRTHS, DEATHS, AND NATURAL INCREASE ARE PER 1000 POPUALTION.
RATE FOR STILLBIRTHS IS PER 1000 LIVE BIRTHS.
DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS
STATISTICS CANADA

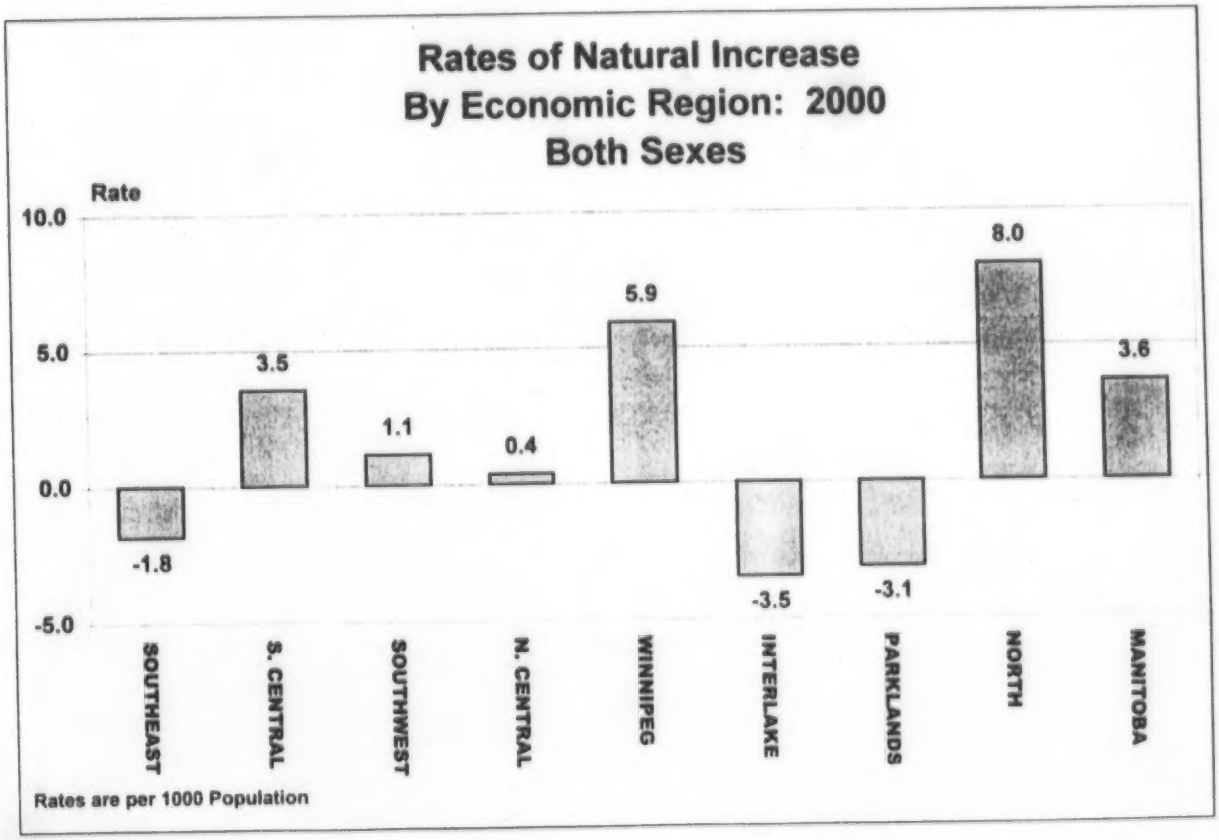


TABLE II MANITOBA 2000 VITAL STATISTICS BY ECONOMIC REGION FEMALES

REGION	POPULATION IN 000'S (JULY 1/00)	LIVE BIRTHS	STILL BIRTHS	DEATHS	NATURAL INCREASE	RATES			
						LIVE BIRTHS	STILL BIRTHS	DEATHS	NATURAL INCREASE
SOUTHEAST	43.3	203	2	236	-33	4.7	9.9	5.4	-0.8
SOUTH CENTRAL	26.5	302	3	208	94	11.4	9.9	7.9	3.6
SOUTHWEST	53.7	586	6	527	59	10.9	10.2	9.8	1.1
NORTH CENTRAL	24.0	170	0	168	2	7.1	0.0	7.0	0.1
WINNIPEG	323.3	4,661	37	3,005	1,656	14.4	7.9	9.3	5.1
INTERLAKE	41.3	153	0	284	-131	3.7	0.0	6.9	-3.2
PARKLANDS	23.2	204	1	254	-50	8.8	4.9	10.9	-2.2
NORTH	42.4	515	5	134	381	12.1	9.7	3.2	9.0
MANITOBA	577.8	6,794	54	4,816	1,978	11.8	7.9	8.3	3.4

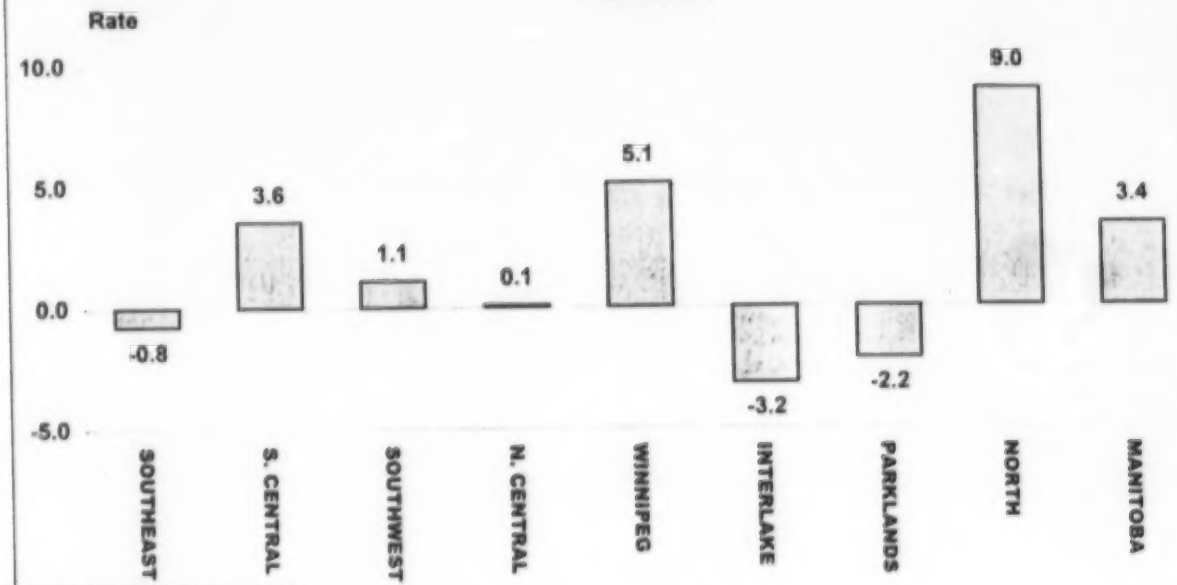
TABLE III MANITOBA 2000 VITAL STATISTICS BY ECONOMIC REGION MALES

REGION	POPULATION IN 000'S (JULY 1/00)	LIVE BIRTHS	STILL BIRTHS	DEATHS	NATURAL INCREASE	RATES			
						LIVE BIRTHS	STILL BIRTHS	DEATHS	NATURAL INCREASE
SOUTHEAST	44.9	182	1	312	-130	4.1	5.5	7.0	-2.9
SOUTH CENTRAL	26.7	288	0	194	94	10.8	0.0	7.3	3.5
SOUTHWEST	52.4	647	6	587	60	12.3	9.3	11.2	1.1
NORTH CENTRAL	24.8	190	2	174	16	7.7	10.5	7.0	0.6
WINNIPEG	308.0	4,978	52	2,898	2,080	16.2	10.4	9.4	6.8
INTERLAKE	43.0	155	0	317	-162	3.6	0.0	7.4	-3.8
PARKLANDS	23.2	206	3	302	-96	8.9	14.6	13.0	-4.1
NORTH	45.2	538	8	220	318	11.9	14.9	4.9	7.0
MANITOBA	568.2	7,184	72	5,004	2,180	12.6	10.0	8.8	3.8

NOTE: RATES FOR LIVE BIRTHS, DEATHS, AND NATURAL INCREASE ARE PER 1000 POPUALTION.
RATE FOR STILLBIRTHS IS PER 1000 LIVE BIRTHS.
ONE SOUTH CENTRAL BIRTH NOT CODED TO SEX.
FOUR WINNIPEG STILLBIRTHS NOT CODED TO SEX.

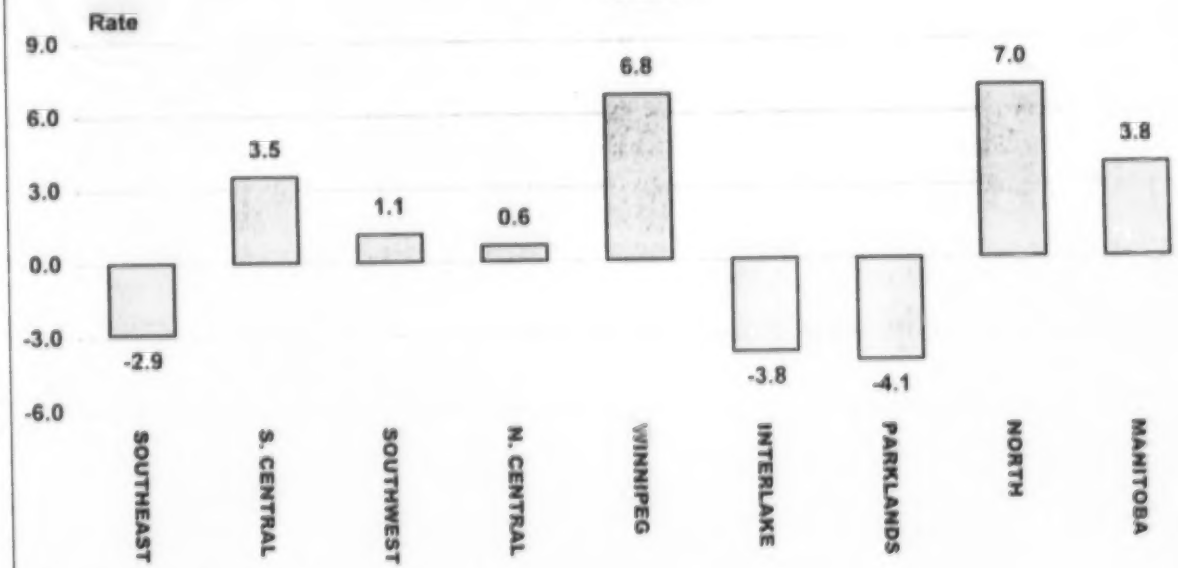
DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS
STATISTICS CANADA

Rates of Natural Increase By Economic Region: 2000 Female



Rates are per 1000 Population

Rates of Natural Increase By Economic Region: 2000 Male



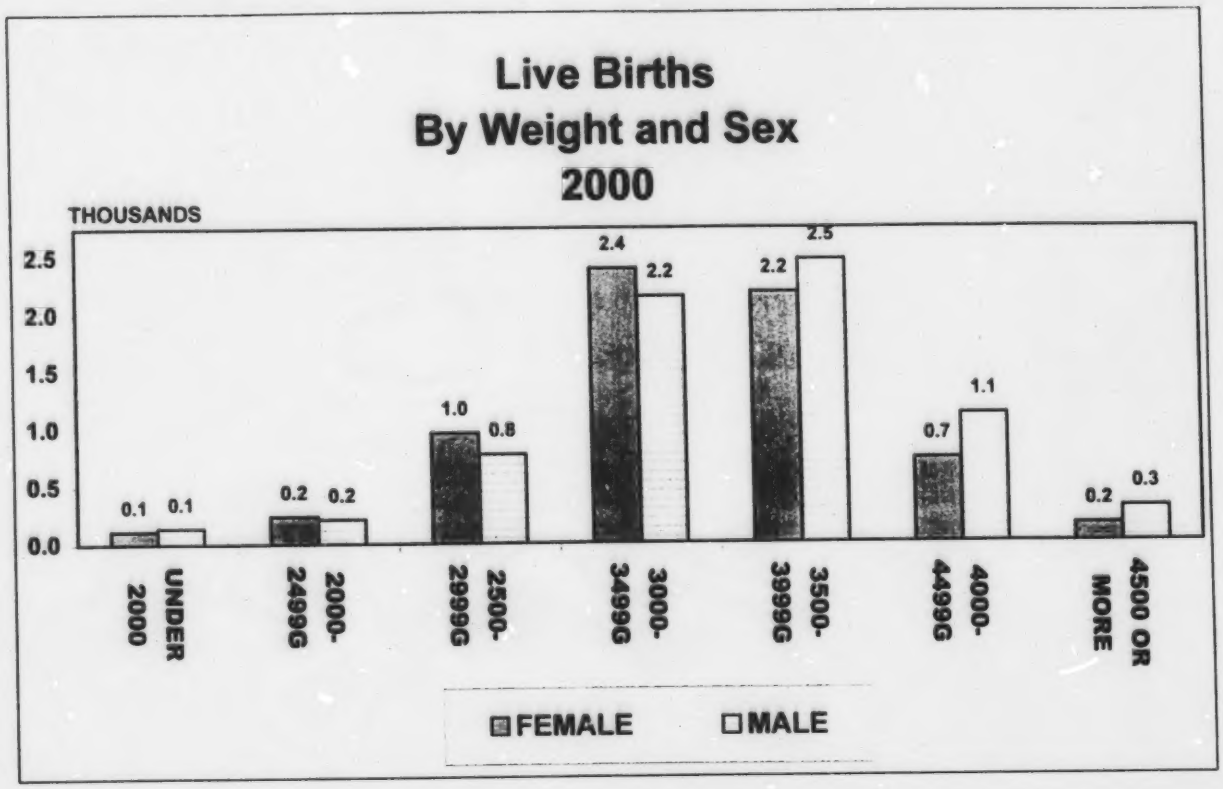
Rates are per 1000 Population

TABLE IV MANITOBA 2000 BIRTHS AND STILLBIRTHS BY WEIGHT

WEIGHT	BOTH SEXES LIVE BIRTHS	BOTH SEXES STILL BIRTHS	BOTH SEXES STILL BIRTH RATE	FEMALES LIVE BIRTHS	FEMALES STILL BIRTHS	FEMALES STILL BIRTH RATE	MALES LIVE BIRTHS	MALES STILL BIRTHS	MALES STILL BIRTH RATE
UNDER 500G	13	46	3,538.5	9	19	2,111.1	4	24	6,000.0
500 - 999G	42	28	666.7	21	15	714.3	21	12	571.4
1000-1499G	67	9	134.3	24	3	125.0	43	6	139.5
1500-1999G	133	9	67.7	60	4	66.7	73	5	68.5
2000-2499G	457	8	17.5	242	3	12.4	215	5	23.3
2500-2999G	1,743	10	5.7	965	2	2.1	778	8	10.3
3000-3499G	4,547	10	2.2	2,395	5	2.1	2,152	5	2.3
3500-3999G	4,660	5	1.1	2,187	2	0.9	2,473	3	1.2
4000-4499G	1,855	2	1.1	734	0	0.0	1,121	2	1.8
4500-4999G	410	2	4.9	144	0	0.0	266	2	7.5
5000-5499G	44	1	22.7	12	1	83.3	32	0	0.0
5500-5999G	4	0	0.0	0	0	n/a	4	0	0.0
6000-6499G	1	0	0.0	0	0	n/a	1	0	0.0
OVER 6500G	0	0	n/a	0	0	n/a	0	0	n/a
UNKNOWN	3	0	0.0	1	0	0.0	1	0	0.0
TOTALS	13,979	130	9.3	6,794	54	7.9	7,184	72	10.0

NOTE: STILLBIRTH RATE IS PER 1000 LIVE BIRTHS.
ONE UNDER 500G SOUTH CENTRAL BIRTH NOT CODED TO SEX.
THREE UNDER 500G, ONE 500-900G WINNIPEG STILLBIRTHS NOT CODED TO SEX.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS


Live Births
By Weight and Sex
2000
THOUSANDS
2.5
2.0
1.5
1.0
0.5
0.0
0.1 0.1
0.2 0.2
1.0 0.8
2.4 2.2
2.2 2.5
0.7 1.1
0.2 0.3
UNDER 2000
2000-2499G
2500-2999G
3000-3499G
3500-3999G
4000-4499G
4500 OR MORE
FEMALE
MALE

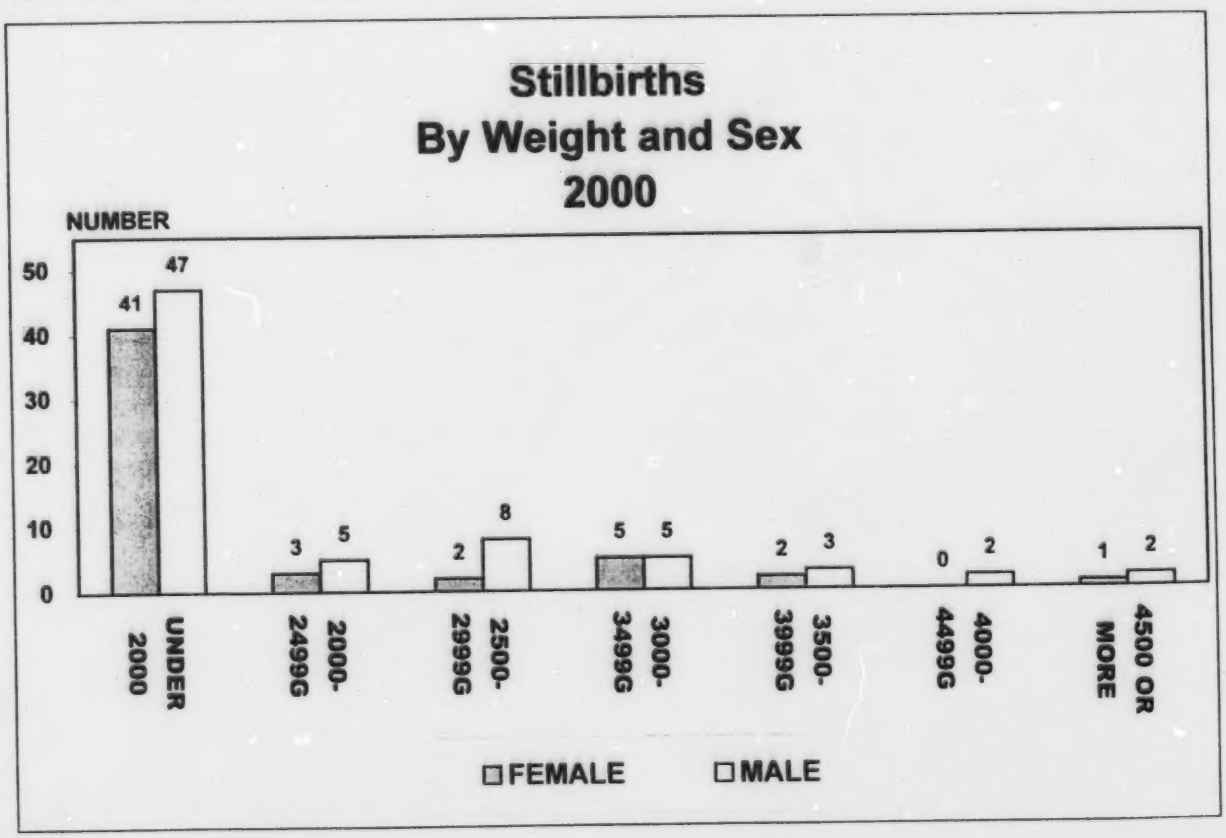
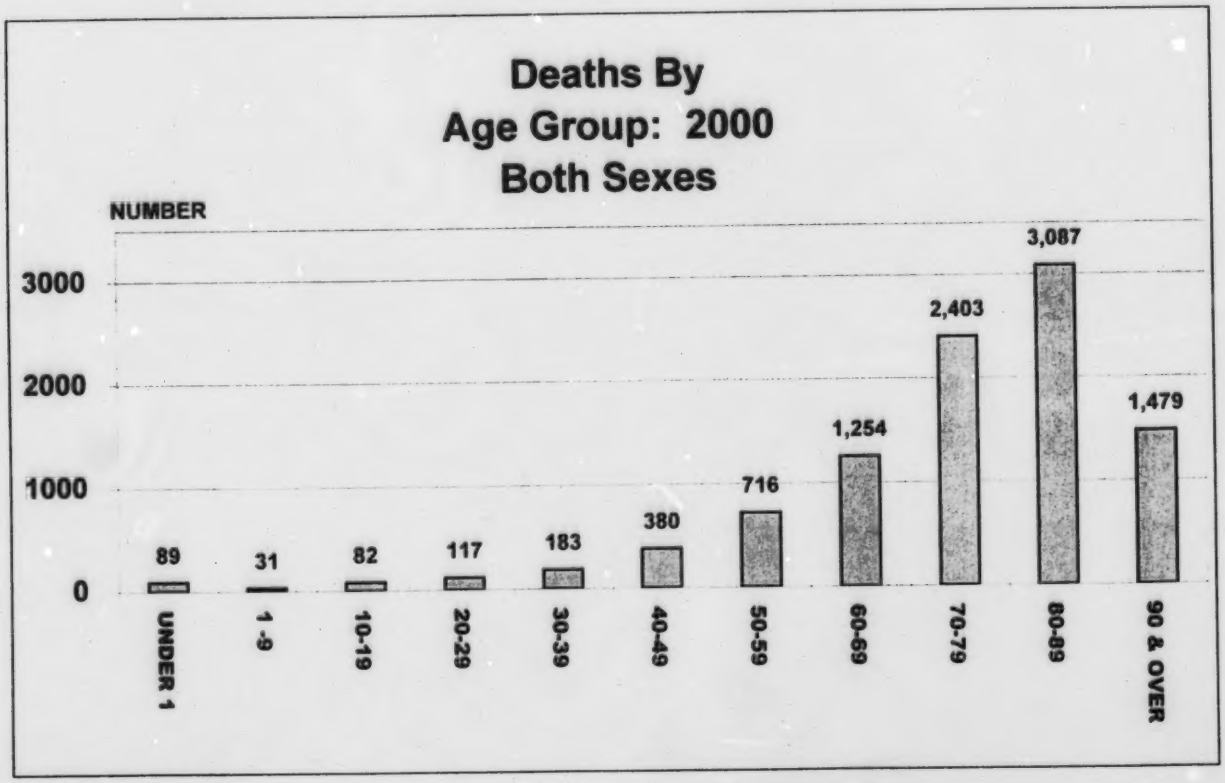

Stillbirths
By Weight and Sex
2000
NUMBER
50
40
30
20
10
0
41 47
3 5
2 8
5 5
2 3
0 2
1 2
UNDER 2000
2000-2499G
2500-2999G
3000-3499G
3500-3999G
4000-4499G
4500 OR MORE
FEMALE
MALE

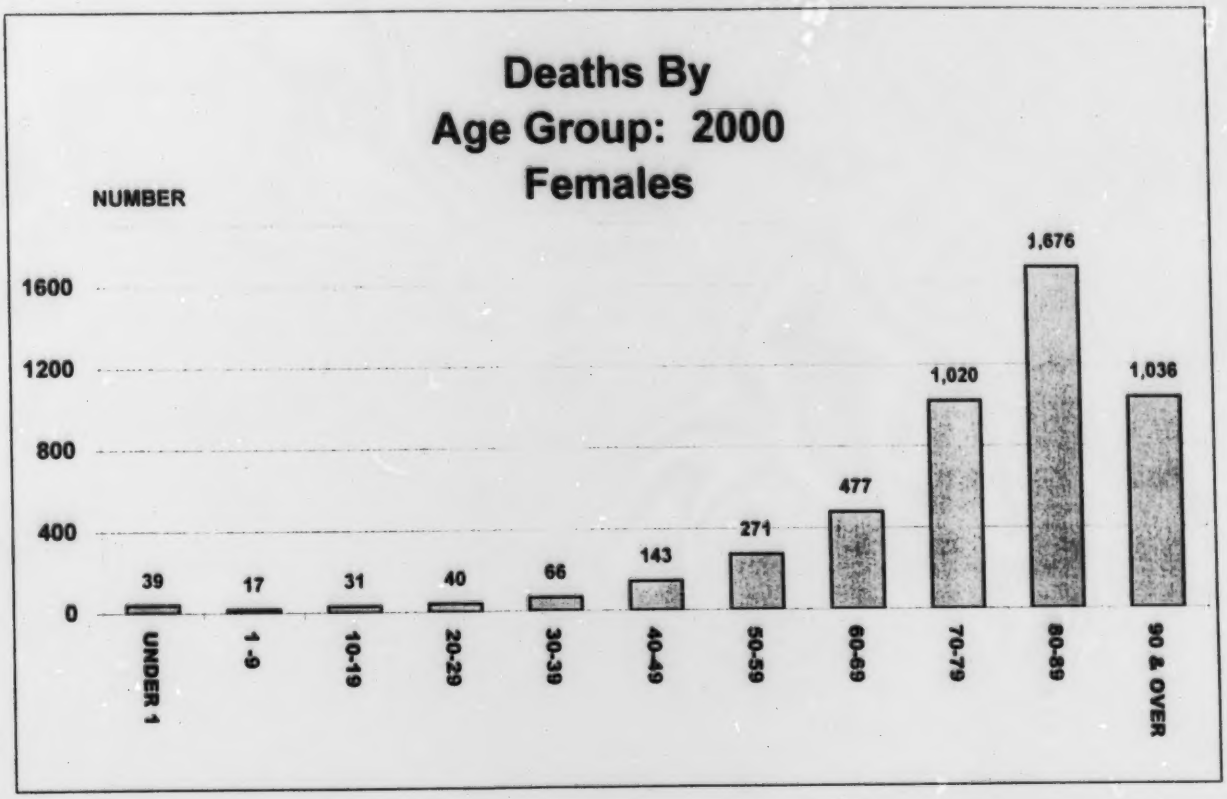
TABLE V MANITOBA 2000 DEATHS BY AGE GROUP AND SEX

AGE IN YEARS	BOTH SEXES POPULATION IN 000'S JULY 1/00	BOTH SEXES DEATHS	BOTH SEXES DEATH RATE	FEMALES POPULATION IN 000'S JULY 1/00	FEMALES DEATHS	FEMALES DEATH RATE	MALES POPULATION IN 000'S JULY 1/00	MALES DEATHS	MALES DEATH RATE
UNDER 1	14.2	89	6.3	6.9	39	5.7	7.3	49	6.7
1 - 4	59.4	15	0.3	29.0	9	0.3	30.4	6	0.2
5 - 9	82.8	16	0.2	40.4	8	0.2	42.4	8	0.2
10-14	83.8	18	0.2	40.6	10	0.2	43.1	8	0.2
15-19	81.0	64	0.8	39.5	21	0.5	41.5	43	1.0
20-24	77.9	71	0.9	38.2	26	0.7	39.7	45	1.1
25-29	78.9	46	0.6	38.4	14	0.4	40.6	32	0.8
30-34	78.7	81	1.0	38.5	25	0.6	40.2	56	1.4
35-39	92.2	102	1.1	45.3	41	0.9	46.9	61	1.3
40-44	90.2	151	1.7	44.8	55	1.2	45.4	96	2.1
45-49	81.3	229	2.8	40.9	88	2.2	40.4	141	3.5
50-54	71.6	316	4.4	35.9	133	3.7	35.7	183	5.1
55-59	54.2	400	7.4	27.2	138	5.1	27.0	262	9.7
60-64	44.4	499	11.2	22.6	184	8.1	21.8	315	14.4
65-69	40.7	755	18.6	21.1	293	13.9	19.6	462	23.6
70-74	37.9	992	26.2	20.7	382	18.5	17.2	610	35.4
75-79	33.7	1,411	41.9	19.8	638	32.2	13.9	773	55.8
80-84	22.4	1,546	69.1	14.0	775	55.4	8.4	771	92.0
85-89	13.8	1,541	111.6	9.2	901	97.8	4.6	640	139.2
90 & OVER	7.0	1,479	211.8	5.0	1,036	205.2	1.9	443	229.2
TOTALS	1,146.0	9,821	8.6	577.8	4,816	8.3	568.2	5,004	8.8

NOTE: DEATH RATE IS DEATHS PER 1000 POPULATION.
ONE DEATH UNDER 1 YEAR OF AGE NOT CODED TO SEX.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS
STATISTICS CANADA




Deaths By
Age Group: 2000
Females
NUMBER
1600
1200
800
400
0
39
17
31
40
66
143
271
477
1,020
1,676
1,036
UNDER 1
1 -9
10-19
20-29
30-39
40-49
50-59
60-69
70-79
80-89
90 & OVER

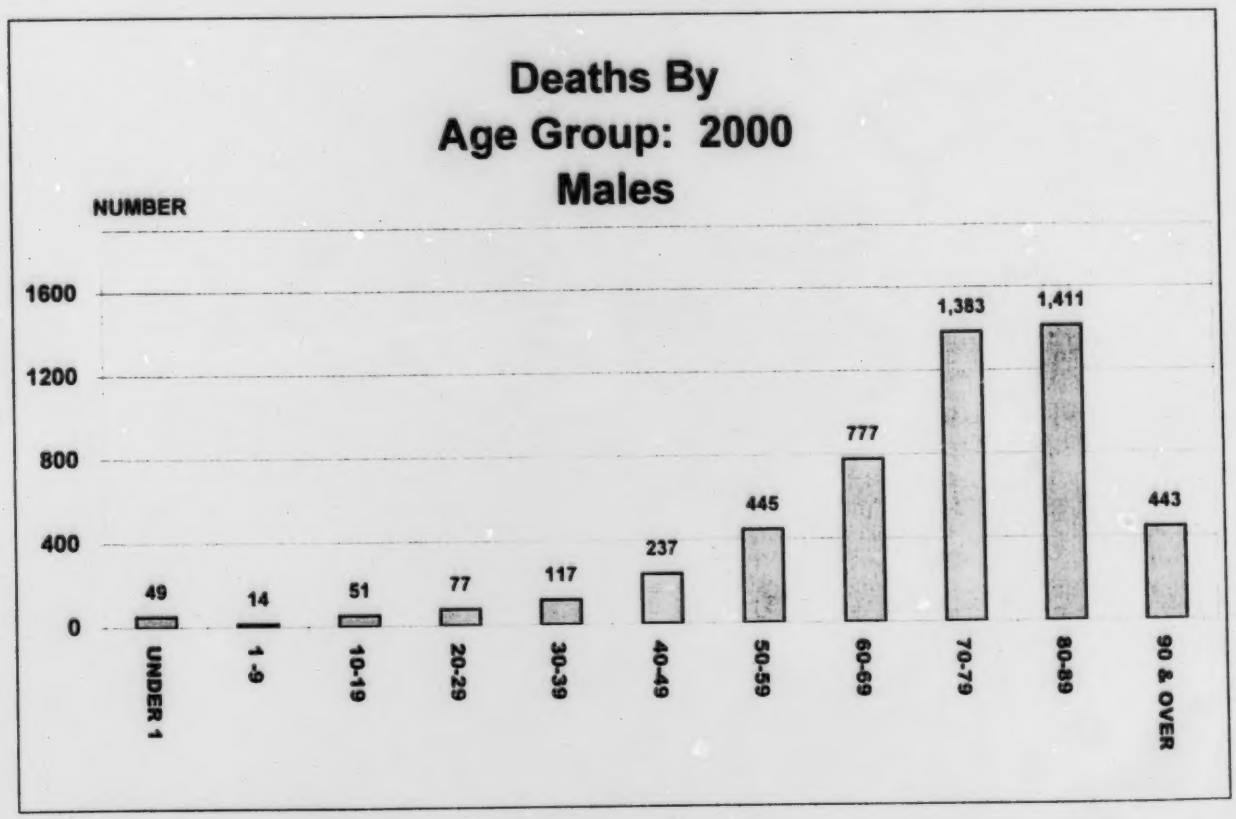
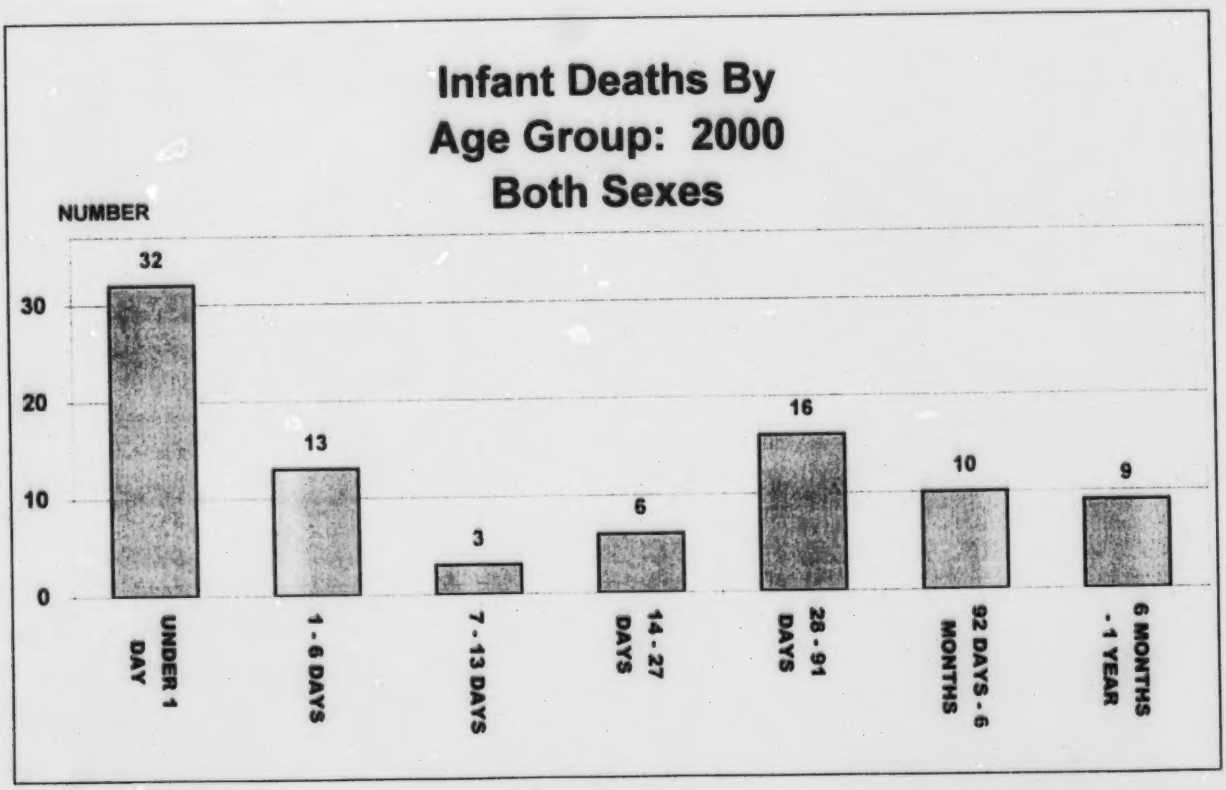

Deaths By
Age Group: 2000
Males
NUMBER
1600
1200
800
400
0
49
14
51
77
117
237
445
777
1,383
1,411
443
UNDER 1
1 -9
10-19
20-29
30-39
40-49
50-59
60-69
70-79
80-89
90 & OVER

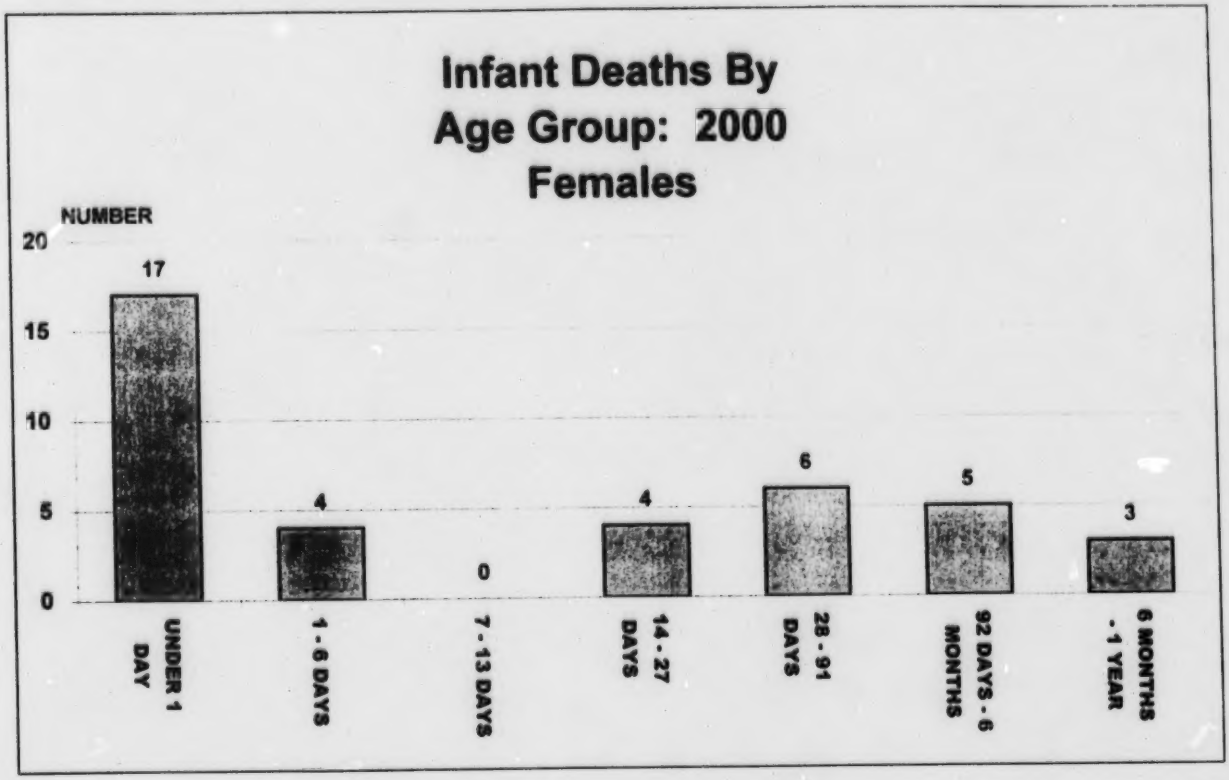
TABLE VI MANITOBA 2000 INFANT DEATHS BY AGE

AGE	BOTH SEXES		FEMALES		MALES	
	DEATHS	DEATH RATE	DEATHS	DEATH RATE	DEATHS	DEATH RATE
UNDER 1 DAY	32	2.3	17	2.5	14	1.9
1 - 6 DAYS	13	0.9	4	0.6	9	1.3
7 - 13 DAYS	3	0.2	0	0.0	3	0.4
14 - 27 DAYS	6	0.4	4	0.6	2	0.3
28 - 91 DAYS	16	1.1	6	0.9	10	1.4
92 DAYS - 6 MONTHS	10	0.7	5	0.7	5	0.7
6 MONTHS - 1 YEAR	9	0.6	3	0.4	6	0.8
NEONATAL	53	3.8	25	3.7	28	3.9
POST-NEONATAL	35	2.5	14	2.1	21	2.9
INFANT	89	6.4	39	5.7	49	6.8
PERINATAL	175	12.4	75	11.0	95	13.1

NOTE: INFANT DEATH (UNDER 1 YEAR) RATES ARE PER 1000 LIVE BIRTHS.
PERINATAL DEATH RATES ARE PER 1000 TOTAL BIRTHS.
NEONATAL IS A DEATH UNDER 28 DAYS OF AGE, EXCLUDING STILLBIRTHS.
POST-NEONATAL IS AN INFANT DEATH AT 28 DAYS OF AGE OR OVER.
PERINATAL IS A DEATH AT LESS THAN 7 DAYS OF AGE OR A STILLBIRTH.
THREE STILLBIRTHS NOT CODED TO SEX.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS




Infant Deaths By
Age Group: 2000
Females
NUMBER
20
15
10
5
0
17
4
0
4
6
5
3
UNDER 1 DAY
1 - 6 DAYS
7 - 13 DAYS
14 - 27 DAYS
28 - 91 DAYS
92 DAYS - 6 MONTHS
6 MONTHS - 1 YEAR

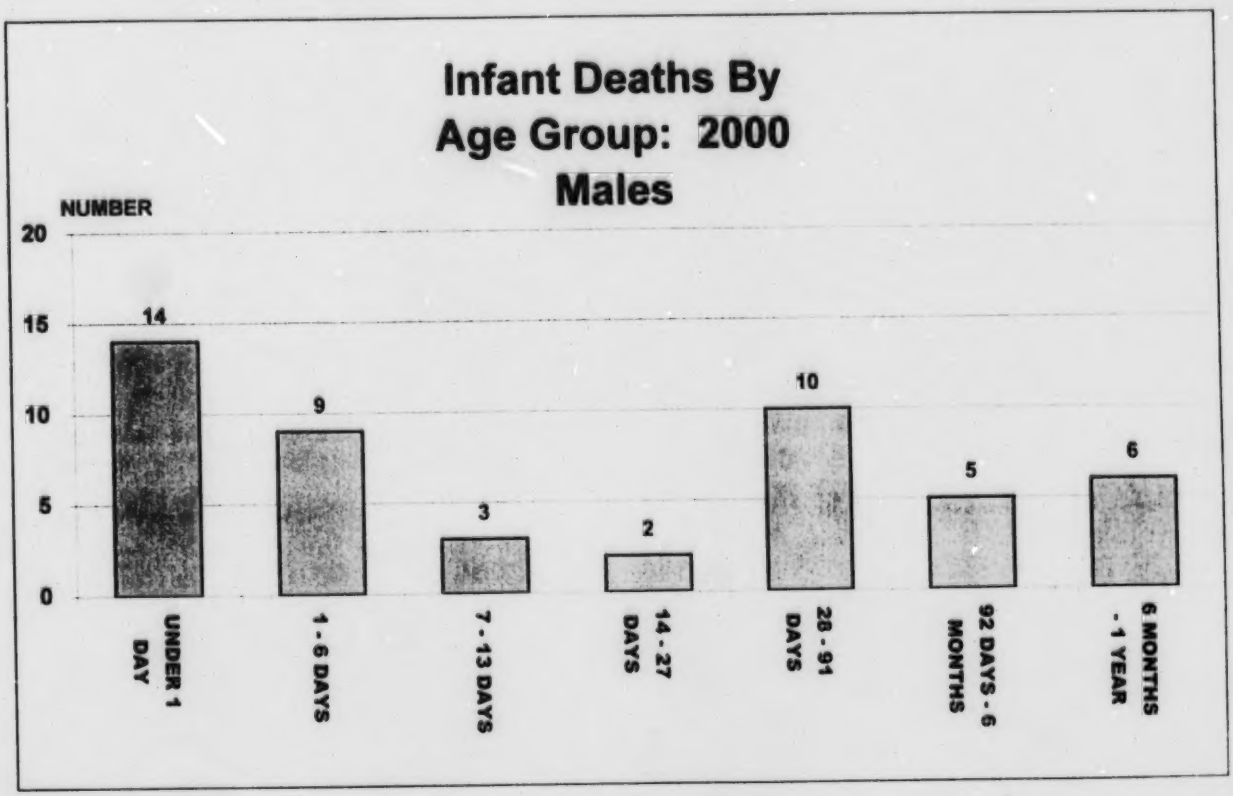
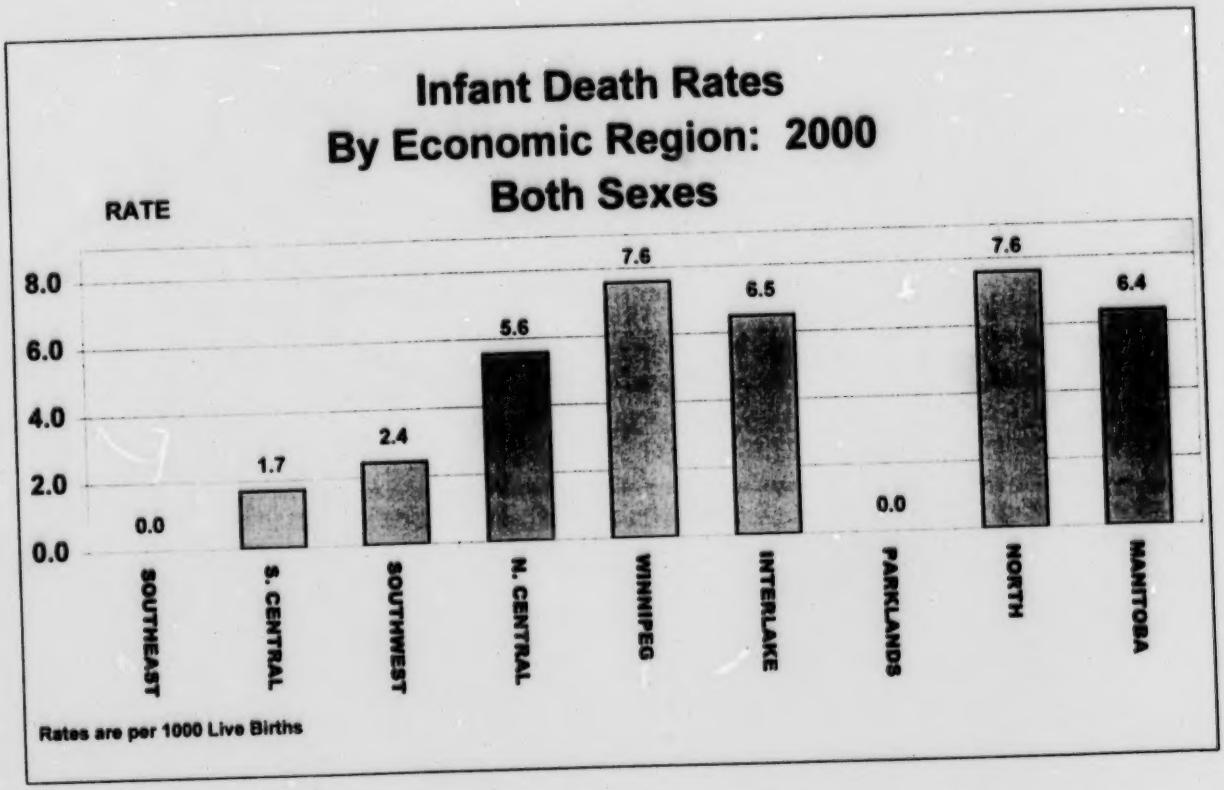

Infant Deaths By
Age Group: 2000
Males
NUMBER
20
15
10
5
0
14
9
3
2
10
5
6
UNDER 1 DAY
1 - 6 DAYS
7 - 13 DAYS
14 - 27 DAYS
28 - 91 DAYS
92 DAYS - 6 MONTHS
6 MONTHS - 1 YEAR

TABLE VII MANITOBA 2000 INFANT DEATHS BY TYPE AND ECONOMIC REGION BOTH SEXES

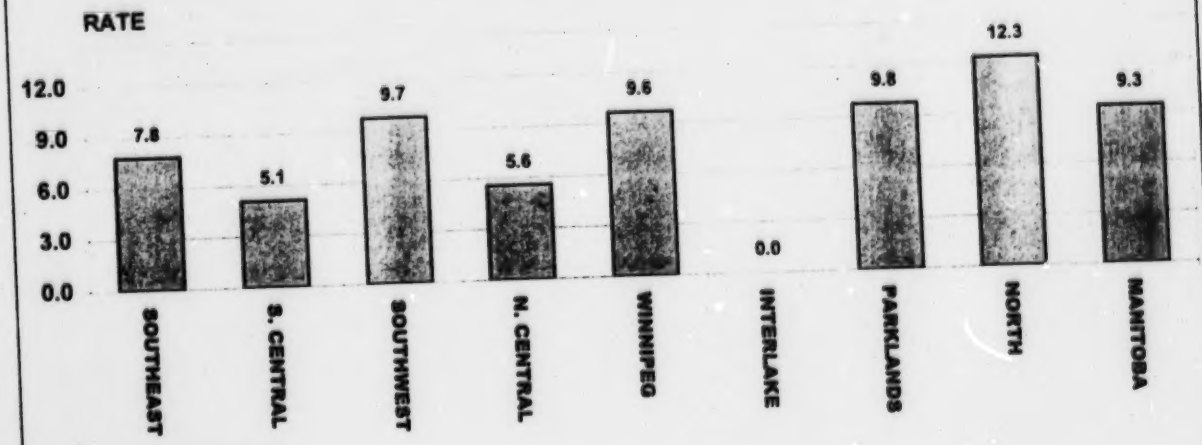
	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
TYPE									
INFANT	0	1	3	2	73	2	0	8	89
NEONATAL	0	1	3	1	46	0	0	3	54
POST-NEONATAL	0	0	0	1	27	2	0	5	35
STILLBIRTHS	3	3	12	2	93	0	4	13	130
PERINATAL	3	4	14	3	132	0	4	15	175
RATE (per 1,000 live births)									
INFANT	0.0	1.7	2.4	5.6	7.6	6.5	0.0	7.6	6.4
STILLBIRTHS	7.8	5.1	9.7	5.6	9.6	0.0	9.8	12.3	9.3
PERINATAL (per 1,000 total births)	7.7	6.7	11.2	8.3	13.6	0.0	9.7	14.1	12.4

NOTE: INFANT DEATH (UNDER 1 YEAR) RATES ARE PER 1000 LIVE BIRTHS.
PERINATAL DEATH RATES ARE PER 1000 TOTAL BIRTHS.
NEONATAL IS A DEATH UNDER 28 DAYS OF AGE, EXCLUDING STILLBIRTHS.
POST-NEONATAL IS AN INFANT DEATH AT 28 DAYS OF AGE OR OVER.
PERINATAL IS A DEATH AT LESS THAN 7 DAYS OF AGE OR A STILLBIRTH.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

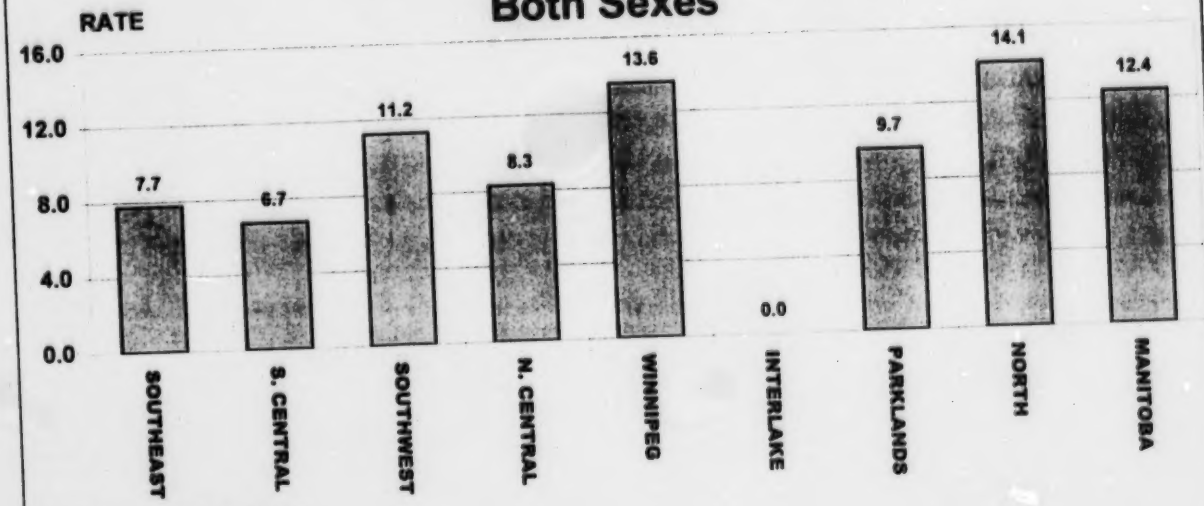


Stillbirth Rates
By Economic Region: 2000
Both Sexes



Rates are per 1000 Live Births

Perinatal Rates
By Economic Region: 2000
Both Sexes

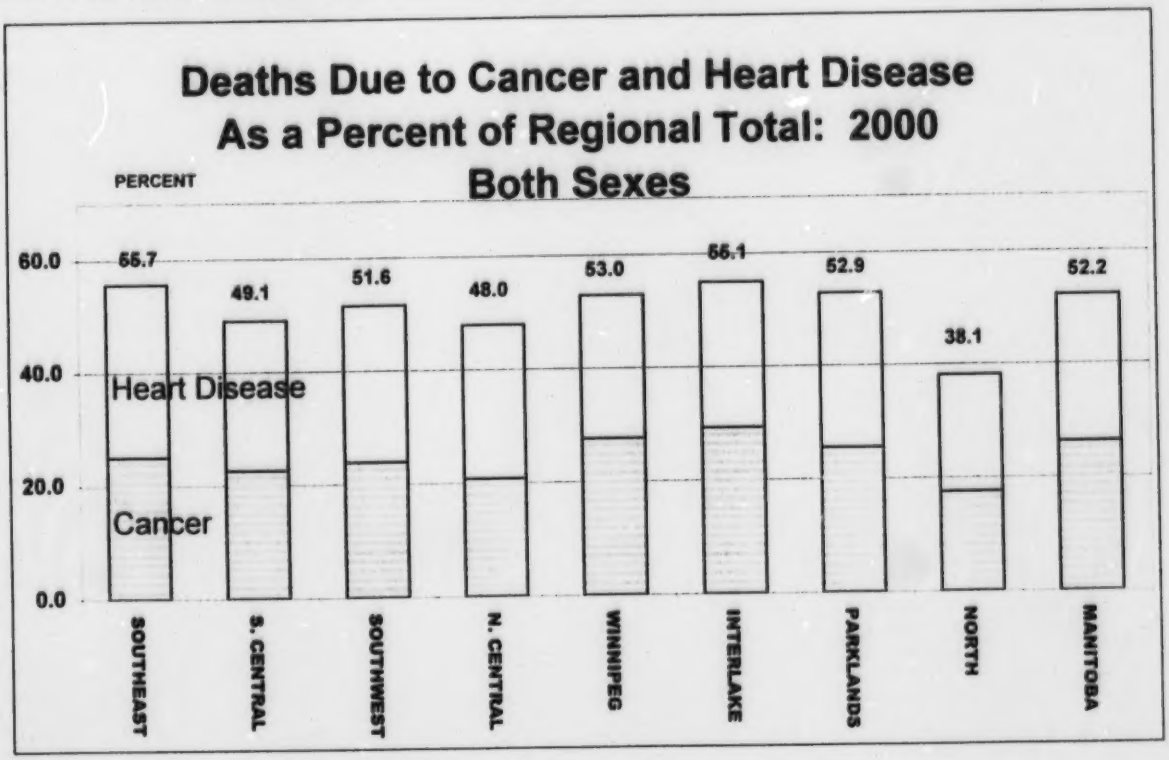


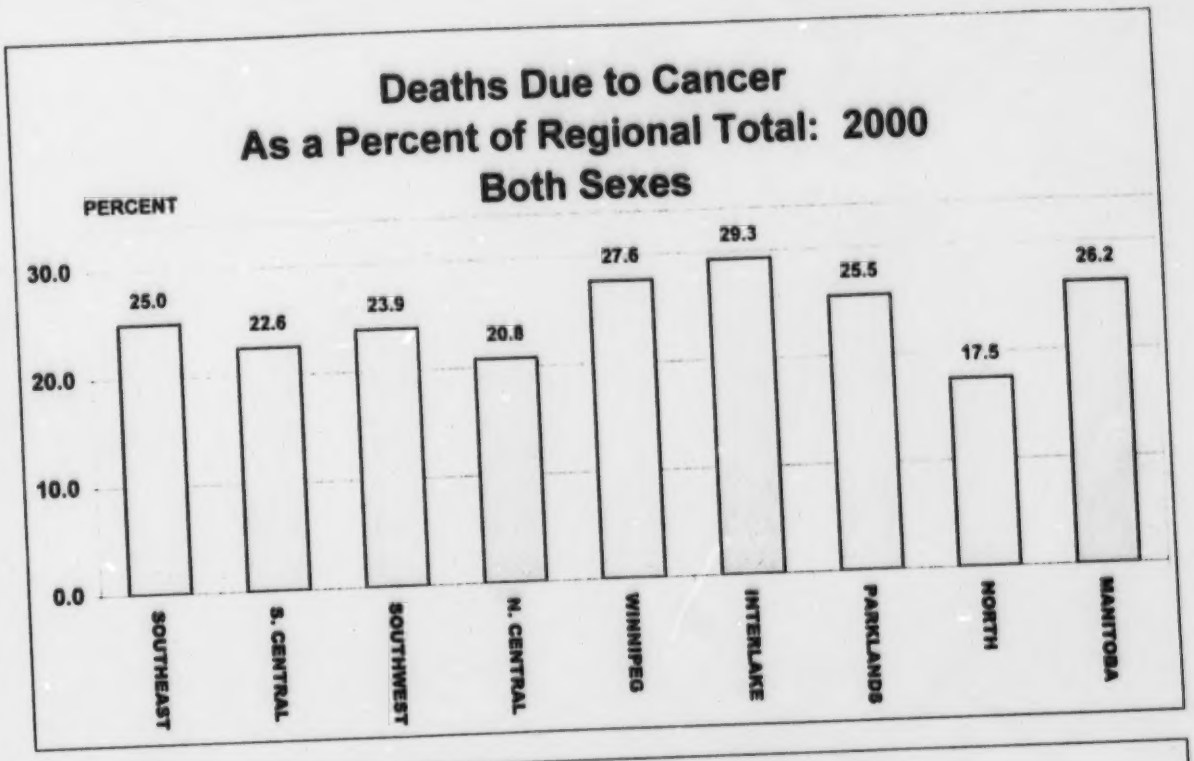
Rates are per 1000 Total Births

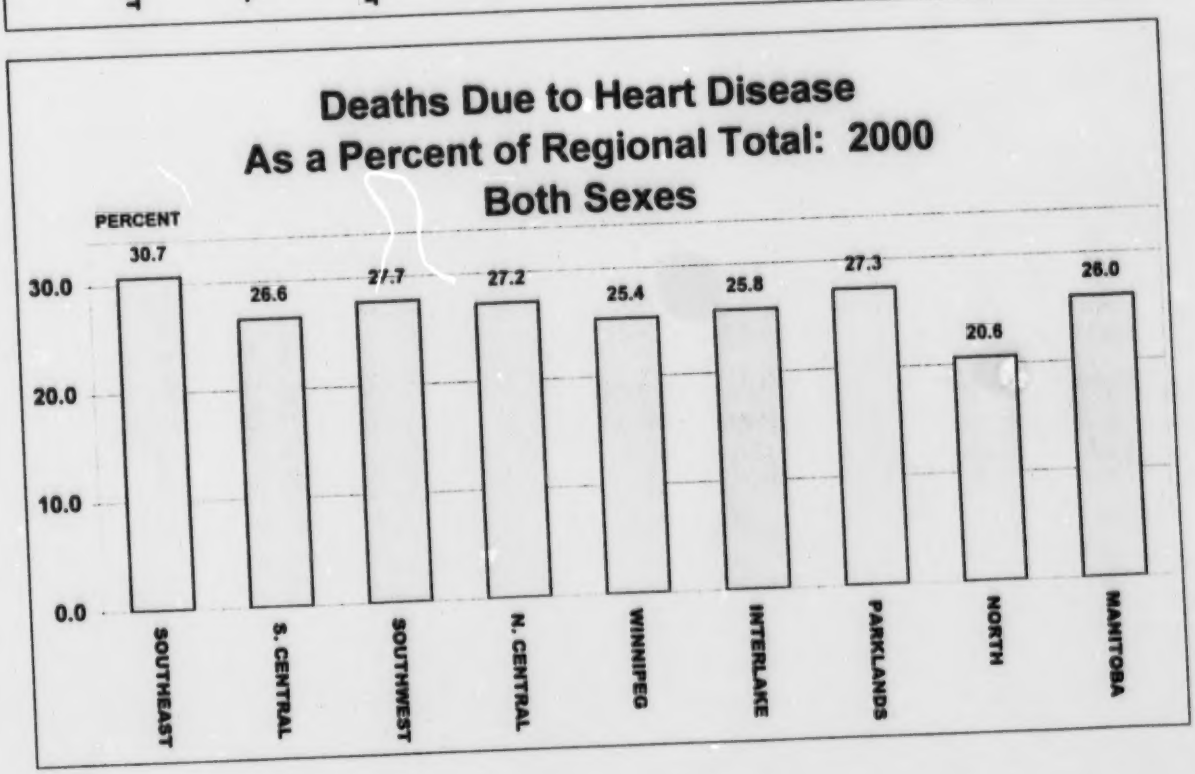
TABLE VIII **MANITOBA 2000 DEATHS BY CAUSE OF DEATH AND ECONOMIC REGION** BOTH SEXES

	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
CANCER	137	91	266	71	1,630	176	142	62	2,575
HEART DISEASE	168	107	309	93	1,497	155	152	73	2,554
CEREBROVASCULAR DISEASE	31	24	87	29	480	33	57	15	756
ACCIDENTS	26	15	48	24	239	22	18	49	441
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	18	18	63	8	226	24	23	11	391
HEREDITARY AND DEGENERATIVE CENTRAL NERVOUS SYSTEM	16	24	34	7	171	23	15	10	300
DIABETES	23	13	26	16	133	18	21	17	267
PSYCHOSES	10	15	31	6	151	16	18	7	254
OTHER DISEASES OF THE DIGESTIVE SYSTEM	8	7	21	9	123	7	8	4	187
PNEUMONIA	16	11	26	13	85	11	16	7	185
NEPHRITIS, NEPHROTIC SYNDROME, NEPHROSIS	7	8	23	5	108	14	16	3	184
DISEASES OF ARTERIES, ARTERIOLES, CAPILLARIES	8	3	24	6	119	6	11	2	179
INFECTIOUS AND PARASITIC DISEASES	4	4	7	3	94	6	4	4	126
OTHER INTESTINAL AND PERITONEUM	5	8	22	1	70	8	9	1	124
OTHER RESPIRATORY DISEASES	7	2	15	4	71	7	1	5	112
HYPERTENSIVE DISEASE	3	3	11	3	50	8	5	3	86
SYMPTOMS AND ABNORMAL FINDINGS	6	5	10	1	35	6	9	6	78
DISEASES OF OESOPHAGUS, STOMACH	0	2	8	1	45	2	2	1	61
MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	2	2	6	3	39	1	3	2	58
ILL-DEFINED AND UNKNOWN CAUSES	11	8	6	17	88	24	4	24	182
OTHER CAUSES	42	33	71	22	449	34	22	48	721
TOTAL	548	403	1,114	342	5,903	601	556	354	9,821

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS




Deaths Due to Cancer
As a Percent of Regional Total: 2000
Both Sexes
PERCENT
30.0
20.0
10.0
0.0
25.0
22.6
23.9
20.8
27.6
29.3
25.5
17.5
26.2
SOUTHEAST
S. CENTRAL
SOUTHWEST
N. CENTRAL
WINNIPEG
INTERLAKE
PARKLANDS
NORTH
MANITOBA


Deaths Due to Heart Disease
As a Percent of Regional Total: 2000
Both Sexes
PERCENT
30.0
20.0
10.0
0.0
30.7
26.6
27.7
27.2
25.4
25.8
27.3
20.6
26.0
SOUTHEAST
S. CENTRAL
SOUTHWEST
N. CENTRAL
WINNIPEG
INTERLAKE
PARKLANDS
NORTH
MANITOBA

APPENDIX A

BIRTHS BY WEIGHT AND ECONOMIC REGION

TABLE A1 BIRTHS BY WEIGHT AND ECONOMIC REGION: 2000 FEMALES

WEIGHT	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500G	--	--	--	--	7	--	1	1	9
500- 999G	--	--	--	--	21	--	--	--	21
1000-1499G	--	--	--	--	24	--	--	--	24
1500-1999G	--	--	6	--	51	--	2	1	60
2000-2499G	3	8	13	2	201	3	4	8	242
2500-2999G	24	36	83	24	697	13	28	60	965
3000-3499G	76	110	202	63	1,647	56	68	173	2,395
3500-3999G	64	113	203	55	1,453	54	67	178	2,187
4000-4499G	27	27	72	21	457	21	30	79	734
4500-4999G	8	7	7	5	95	5	4	13	144
5000-5499G	1	1	--	--	7	1	--	2	12
5500-5999G	--	--	--	--	--	--	--	--	--
6000G OR MORE	--	--	--	--	--	--	--	--	--
UNKNOWN	--	--	--	--	1	--	--	--	1
TOTAL	203	302	586	170	4,661	153	204	515	6,794

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS
ONE SOUTH CENTRAL BIRTH IN THE UNKNOWN WEIGHT CATEGORY NOT CODED TO SEX.

MANITOBA BUREAU OF STATISTICS

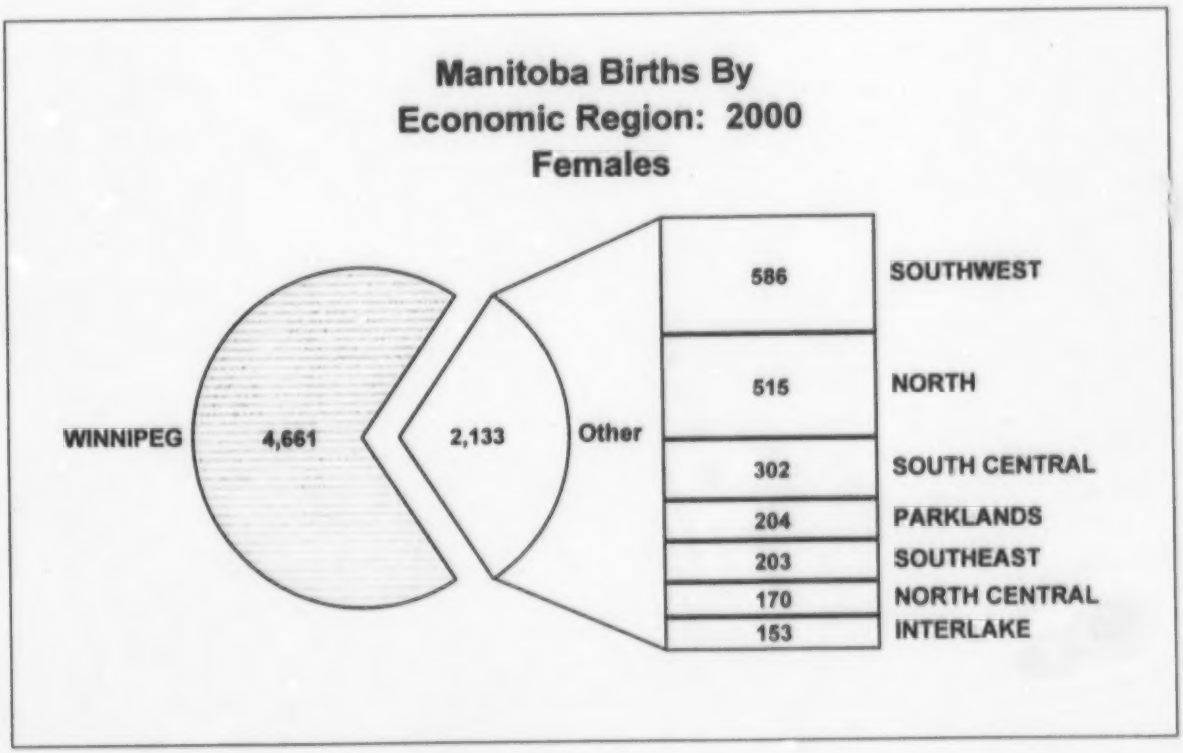


TABLE A2 BIRTHS BY WEIGHT AND ECONOMIC REGION: 2000 MALES

WEIGHT	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500G	--	--	1	1	2	--	--	--	4
500- 999G	--	--	--	--	20	--	--	1	21
1000-1499G	--	--	1	--	39	--	2	1	43
1500-1999G	--	--	3	--	67	--	1	2	73
2000-2499G	2	6	19	2	171	--	8	7	215
2500-2999G	17	19	58	17	587	8	18	54	778
3000-3499G	58	71	190	57	1,533	45	57	141	2,152
3500-3999G	77	112	225	69	1,672	68	62	188	2,473
4000-4499G	23	63	122	32	704	28	46	103	1,121
4500-4999G	5	17	23	10	162	5	11	33	266
5000-5499G	--	--	5	2	17	1	1	6	32
5500-5999G	--	--	--	--	3	--	--	1	4
6000G OR MORE	--	--	--	--	--	--	--	1	1
UNKNOWN	--	--	--	--	1	--	--	--	1
TOTAL	182	288	647	190	4,978	155	206	538	7,184

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

MANITOBA BUREAU OF STATISTICS

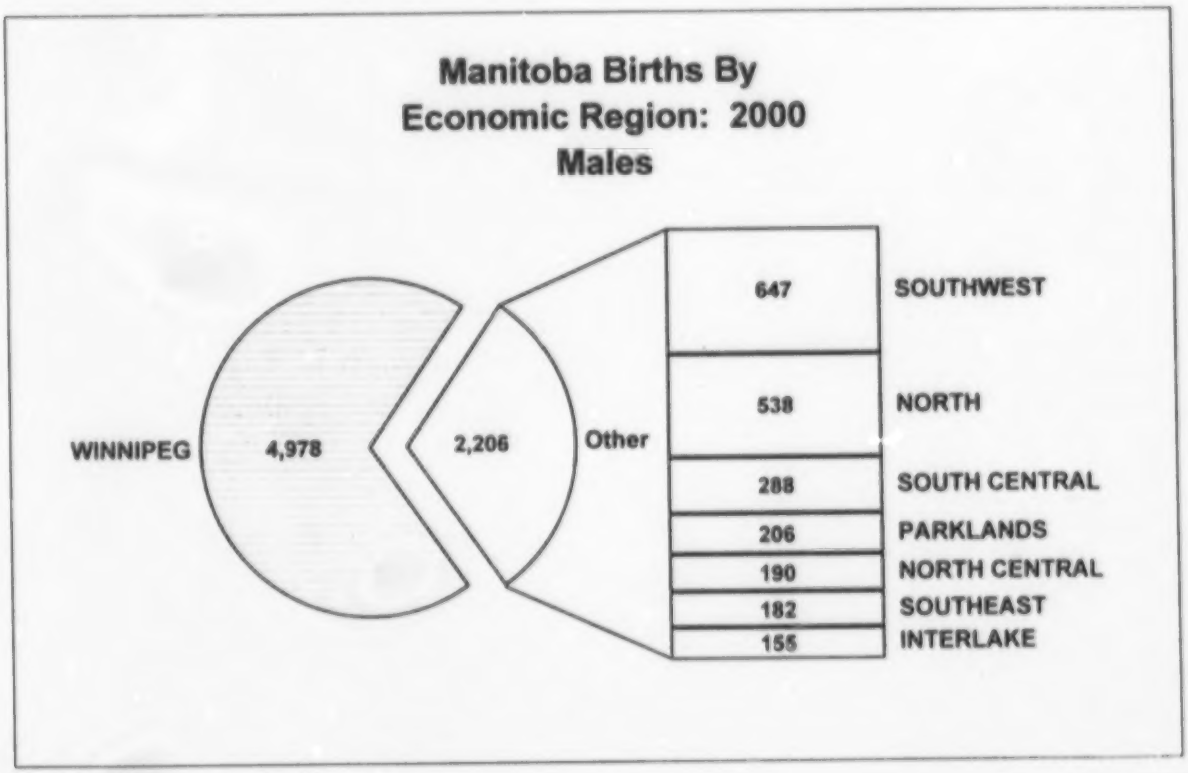
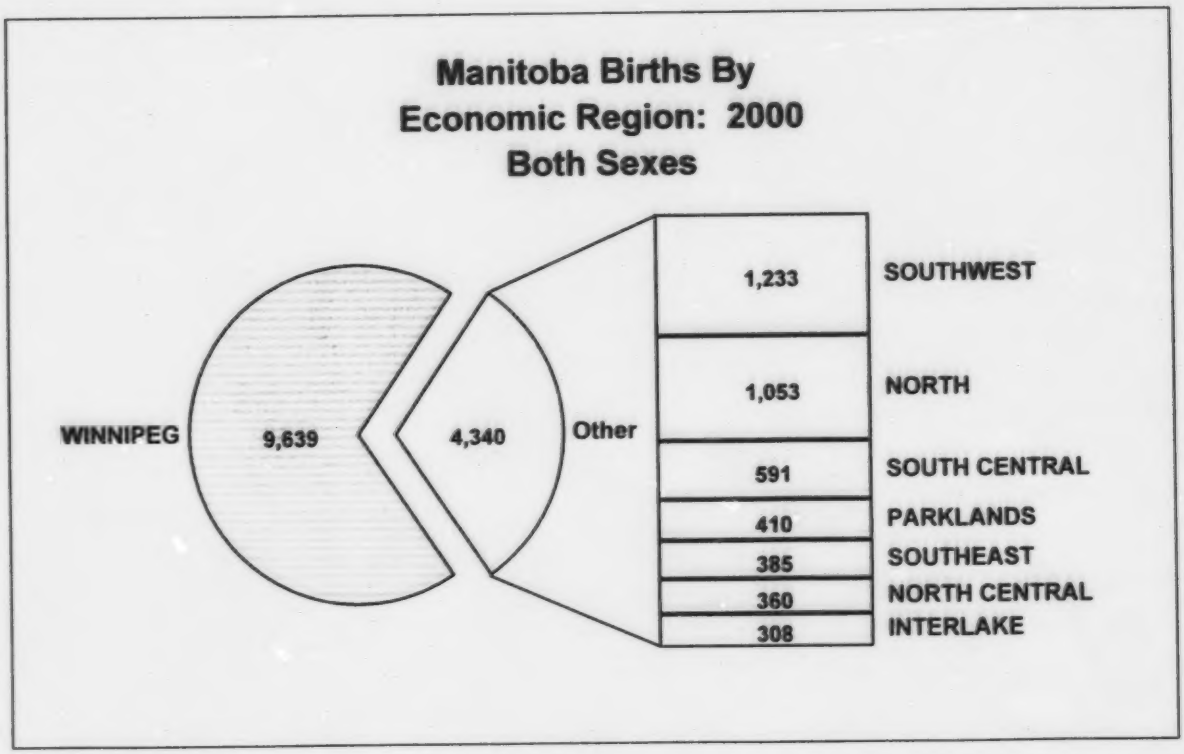


TABLE A3 BIRTHS BY WEIGHT AND ECONOMIC REGION: 2000 BOTH SEXES

WEIGHT	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500G	--	--	1	1	9	--	1	1	13
500- 999G	--	--	--	--	41	--	--	1	42
1000-1499G	--	--	1	--	63	--	2	1	67
1500-1999G	--	--	9	--	118	--	3	3	133
2000-2499G	5	14	32	4	372	3	12	15	457
2500-2999G	41	55	141	41	1,284	21	46	114	1,743
3000-3499G	134	181	392	120	3,180	101	125	314	4,547
3500-3999G	141	225	428	124	3,125	122	129	366	4,660
4000-4499G	50	90	194	53	1,161	49	76	182	1,855
4500-4999G	13	24	30	15	257	10	15	46	410
5000-5499G	1	1	5	2	24	2	1	8	44
5500-5999G	--	--	--	--	3	--	--	1	4
6000G OR MORE	--	--	--	--	--	--	--	1	1
UNKNOWN	--	1	--	--	2	--	--	--	3
TOTAL	385	591	1,233	360	9,639	308	410	1,053	13,979

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

MANITOBA BUREAU OF STATISTICS



APPENDIX B

STILLBIRTHS BY WEIGHT AND ECONOMIC REGION

TABLE B1 STILLBIRTHS BY WEIGHT AND ECONOMIC REGION: 2000 FEMALES

WEIGHT	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500G	2	1	2	–	13	–	–	1	19
500- 999G	–	1	–	–	14	–	–	–	15
1000-1499G	–	–	2	–	1	–	–	–	3
1500-1999G	–	–	–	–	2	–	–	2	4
2000-2499G	–	–	–	–	2	–	–	1	3
2500-2999G	–	–	–	–	2	–	–	–	2
3000-3499G	–	1	2	–	1	–	1	–	5
3500-3999G	–	–	–	–	2	–	–	–	2
4000-4499G	–	–	–	–	–	–	–	–	–
4500-4999G	–	–	–	–	–	–	–	–	–
5000-5499G	–	–	–	–	–	–	–	1	1
5500-5999G	–	–	–	–	–	–	–	–	–
6000G OR MORE	–	–	–	–	–	–	–	–	–
UNKNOWN	–	–	–	–	–	–	–	–	–
TOTAL	2	3	6	0	37	–	1	5	54

NOTE: THREE UNDER 500G, ONE 500-900G WINNIPEG STILLBIRTHS NOT CODED TO SEX.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

MANITOBA BUREAU OF STATISTICS

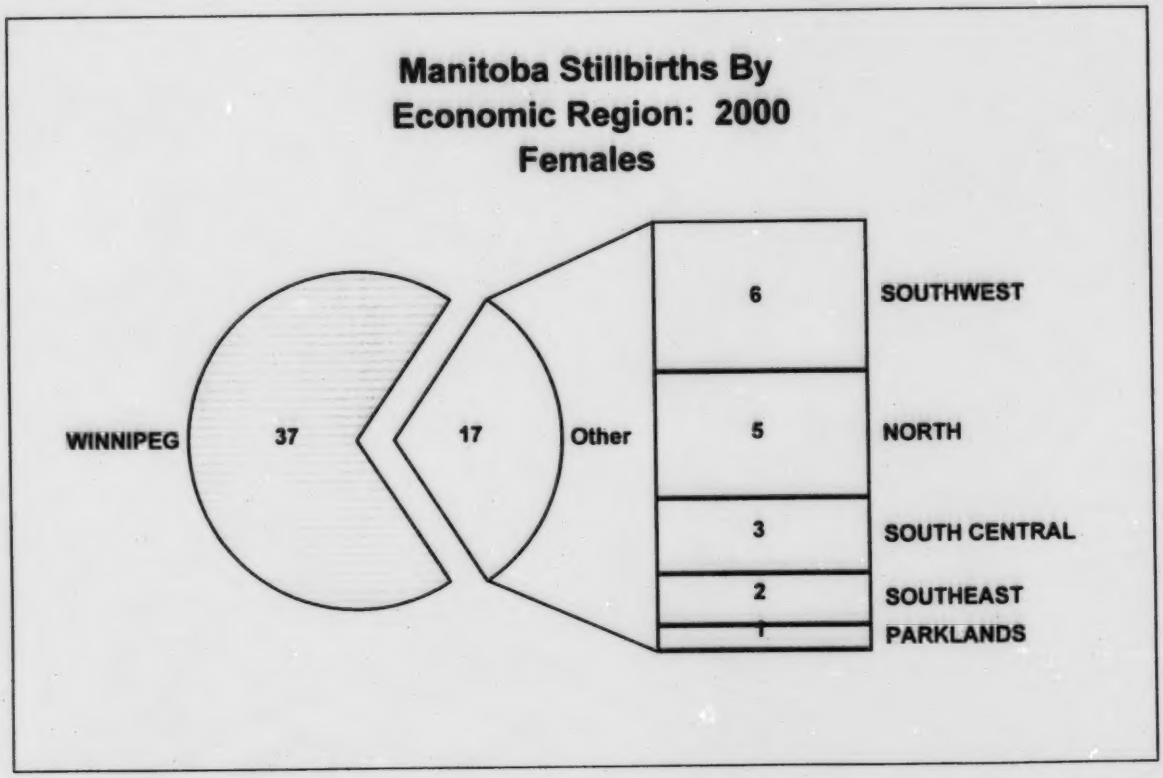


TABLE B2 STILLBIRTHS BY WEIGHT AND ECONOMIC REGION: 2000 MALES

WEIGHT	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500G	–	–	2	–	20	–	–	2	24
500- 999G	–	–	1	–	10	–	1	–	12
1000-1499G	–	–	–	–	5	–	–	1	6
1500-1999G	–	–	–	1	3	–	1	–	5
2000-2499G	1	–	–	–	3	–	1	–	5
2500-2999G	–	–	1	–	5	–	–	2	8
3000-3499G	–	–	–	1	2	–	–	2	5
3500-3999G	–	–	2	–	1	–	–	–	3
4000-4499G	–	–	–	–	2	–	–	–	2
4500-4999G	–	–	–	–	1	–	–	1	2
5000-5499G	–	–	–	–	–	–	–	–	–
5500-5999G	–	–	–	–	–	–	–	–	–
6000G OR MORE	–	–	–	–	–	–	–	–	–
UNKNOWN	–	–	–	–	–	–	–	–	–
TOTAL	1	0	6	2	52	0	3	8	72

NOTE: THREE UNDER 500G, ONE 500-900G WINNIPEG STILLBIRTHS NOT CODED TO SEX.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

MANITOBA BUREAU OF STATISTICS

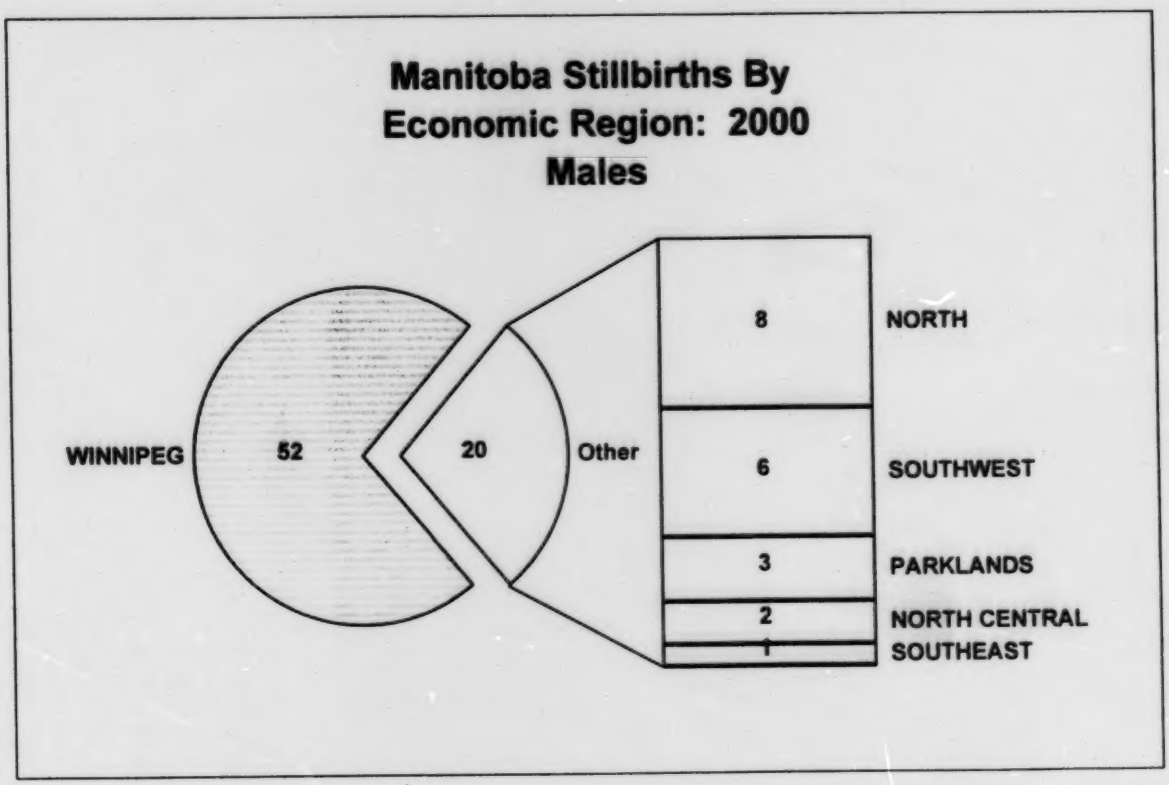
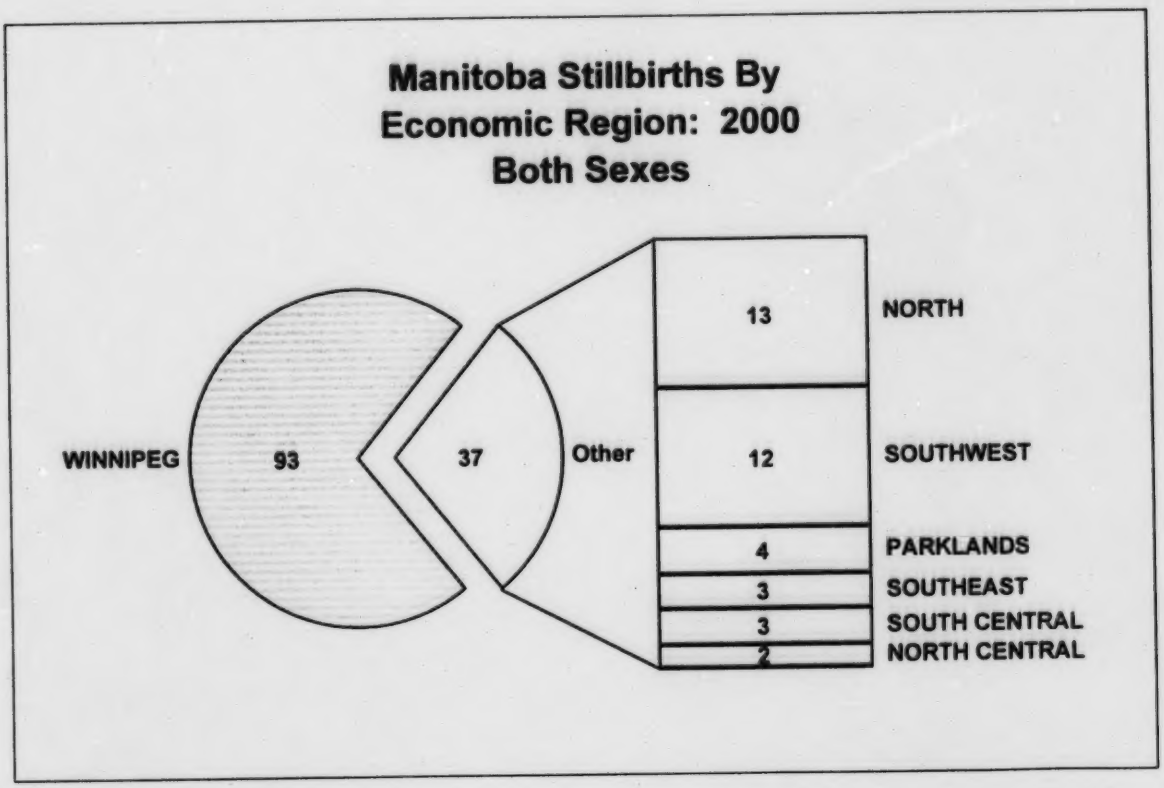


TABLE B3 STILLBIRTHS BY WEIGHT AND ECONOMIC REGION: 2000 BOTH SEXES

WEIGHT	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 500G	2	1	4	–	36	–	–	3	46
500- 999G	–	1	1	–	25	–	1	–	28
1000-1499G	–	–	2	–	6	–	–	1	9
1500-1999G	–	–	–	1	5	–	1	2	9
2000-2499G	1	–	–	–	5	–	1	1	8
2500-2999G	–	–	1	–	7	–	–	2	10
3000-3499G	–	1	2	1	3	–	1	2	10
3500-3999G	–	–	2	–	3	–	–	–	5
4000-4499G	–	–	–	–	2	–	–	–	2
4500-4999G	–	–	–	–	1	–	–	1	2
5000-5499G	–	–	–	–	–	–	–	1	1
5500-5999G	–	–	–	–	–	–	–	–	–
6000G OR MORE	–	–	–	–	–	–	–	–	–
UNKNOWN	–	–	–	–	–	–	–	–	–
TOTAL	3	3	12	2	93	0	4	13	130

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

MANITOBA BUREAU OF STATISTICS



APPENDIX C

DEATHS BY AGE GROUP AND ECONOMIC REGION

TABLE C1 DEATHS BY AGE GROUP AND ECONOMIC REGION: 2000 FEMALES

AGE IN YEARS	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1	--	--	1	--	33	--	--	5	39
1-4	--	--	--	--	7	--	--	2	9
5-9	--	--	--	--	6	--	--	2	8
10-14	2	1	--	--	2	1	--	4	10
15-19	--	1	1	2	10	2	1	4	21
20-24	2	--	--	1	17	1	1	4	26
25-29	--	1	2	--	7	1	--	3	14
30-34	3	--	--	--	20	--	--	2	25
35-39	2	1	3	4	26	--	4	1	41
40-44	1	3	--	4	35	6	1	5	55
45-49	2	1	6	4	71	1	1	2	88
50-54	6	5	5	4	93	10	5	5	133
55-59	8	6	16	7	84	9	2	6	138
60-64	9	6	15	5	122	9	10	8	184
65-69	14	7	33	10	189	16	8	16	293
70-74	13	13	41	12	253	25	17	8	382
75-79	37	26	65	7	441	27	26	9	638
80-84	37	37	91	27	472	52	43	16	775
85-89	47	43	109	39	536	54	63	10	901
90 AND OVER	53	57	139	42	581	70	72	22	1,036
TOTAL	236	208	527	168	3,005	284	254	134	4,816

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS
ONE SOUTH CENTRAL DEATH UNDER 1 YEAR OF AGE NOT CODED TO SEX.

MANITOBA BUREAU OF STATISTICS

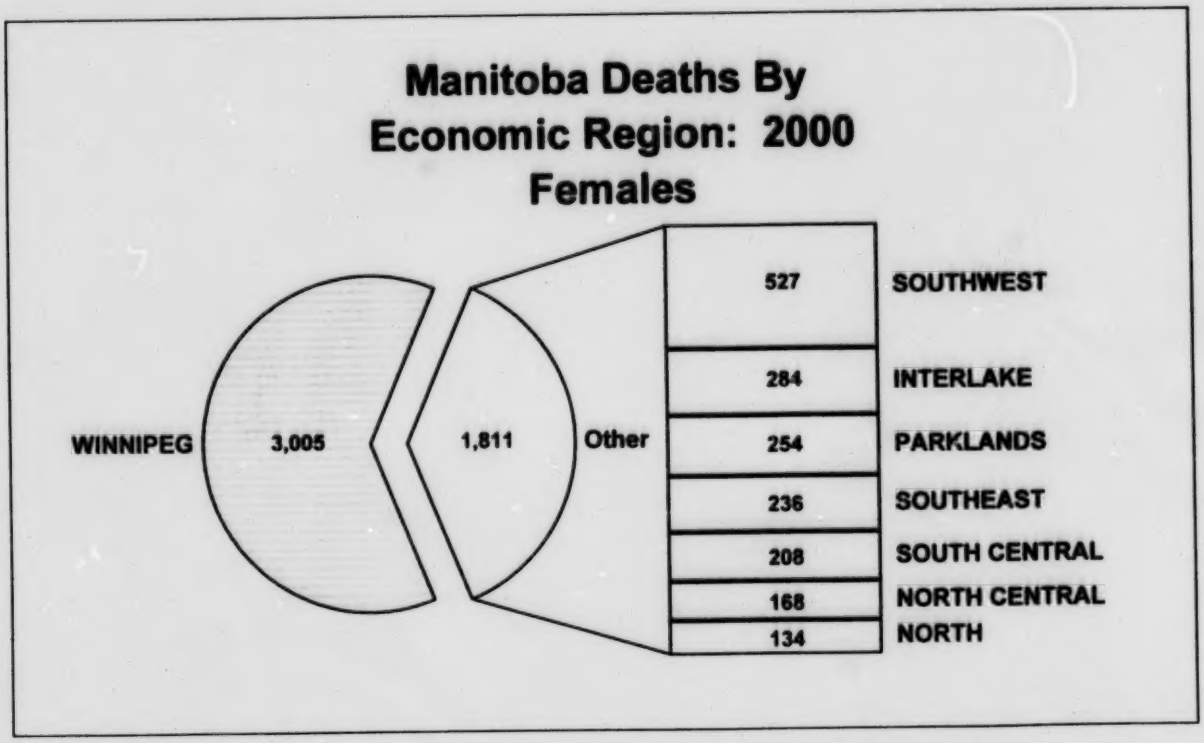


TABLE C2 DEATHS BY AGE GROUP AND ECONOMIC REGION: 2000 MALES

AGE IN YEARS	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1	--	--	2	2	40	2	--	3	49
1-4	--	--	--	--	4	1	--	1	6
5-9	--	--	--	--	6	1	--	1	8
10-14	2	--	1	1	3	--	--	1	8
15-19	4	1	2	3	16	3	4	10	43
20-24	2	1	3	3	22	1	0	13	45
25-29	--	--	2	--	21	4	0	5	32
30-34	4	1	4	2	31	0	2	12	56
35-39	4	--	4	2	43	1	2	5	61
40-44	8	1	7	6	59	5	3	7	96
45-49	5	6	11	5	91	8	2	13	141
50-54	6	7	14	6	122	7	14	7	183
55-59	18	11	20	6	165	19	14	9	262
60-64	23	10	29	9	192	18	20	14	315
65-69	27	9	50	19	280	30	23	24	462
70-74	43	20	82	12	354	44	32	23	610
75-79	36	30	100	20	456	44	61	26	773
80-84	46	34	95	26	440	65	49	16	771
85-89	54	33	86	27	344	40	39	17	640
90 AND OVER	30	30	75	25	209	24	37	13	443
TOTAL	312	194	587	174	2,898	317	302	220	5,004

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS
ONE SOUTH CENTRAL DEATH UNDER 1 YEAR OF AGE NOT CODED TO SEX.

MANITOBA BUREAU OF STATISTICS

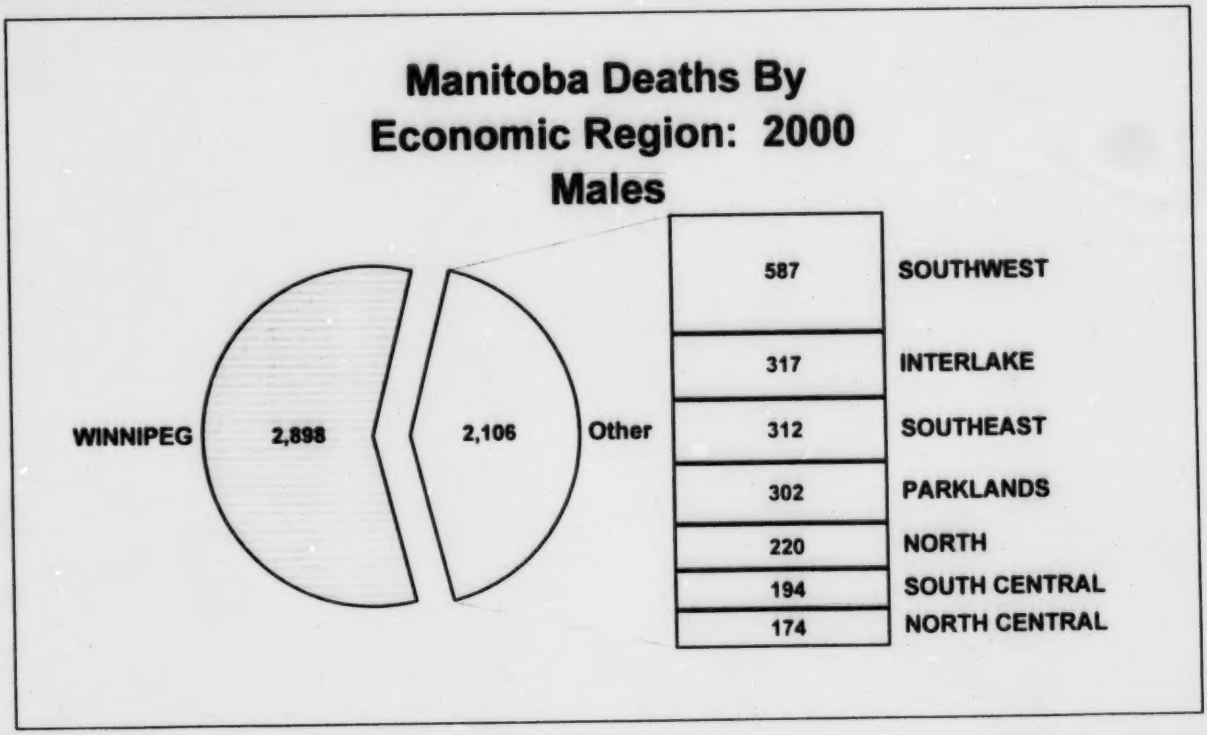
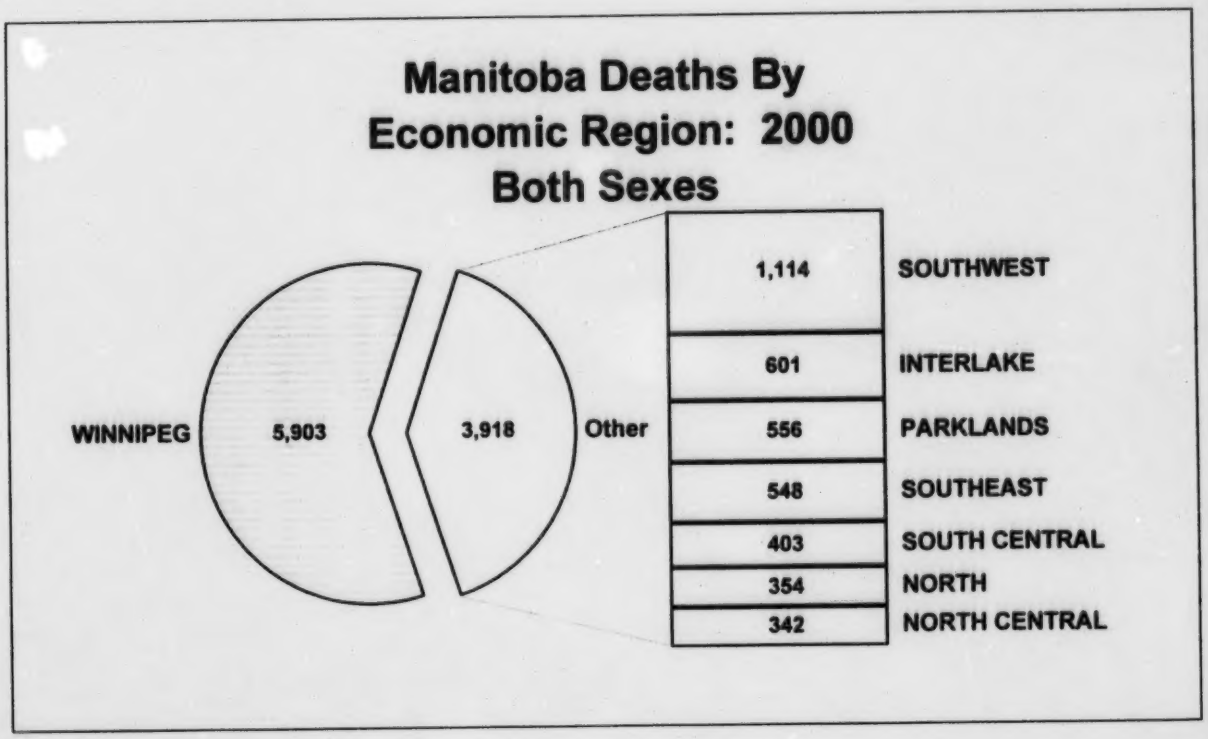


TABLE C3 DEATHS BY AGE GROUP AND ECONOMIC REGION: 2000 BOTH SEXES

AGE IN YEARS	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1	--	1	3	2	73	2	--	8	89
1- 4	--	--	--	--	11	1	--	3	15
5- 9	--	--	--	--	12	1	--	3	16
10-14	4	1	1	1	5	1	--	5	18
15-19	4	2	3	5	26	5	5	14	64
20-24	4	1	3	4	39	2	1	17	71
25-29	--	1	4	--	28	5	--	8	46
30-34	7	1	4	2	51	--	2	14	81
35-39	6	1	7	6	69	1	6	6	102
40-44	9	4	7	10	94	11	4	12	151
45-49	7	7	17	9	162	9	3	15	229
50-54	12	12	19	10	215	17	19	12	316
55-59	26	17	36	13	249	28	16	15	400
60-64	32	16	44	14	314	27	30	22	499
65-69	41	16	83	29	469	46	31	40	755
70-74	56	33	123	24	607	69	49	31	992
75-79	73	56	165	27	897	71	87	35	1,411
80-84	83	71	186	53	912	117	92	32	1,546
85-89	101	76	195	66	880	94	102	27	1,541
90 AND OVER	83	87	214	67	790	94	109	35	1,479
TOTAL	548	403	1,114	342	5,903	601	556	354	9,821

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

MANITOBA BUREAU OF STATISTICS



APPENDIX D

INFANT DEATHS BY AGE AND ECONOMIC REGION

TABLE D1 INFANT DEATHS BY AGE AND ECONOMIC REGION: 2000 FEMALES

AGE	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1 DAY	–	–	1	–	15	–	–	1	17
1 - 6 DAYS	–	–	–	–	4	–	–	–	4
7 - 13 DAYS	–	–	–	–	–	–	–	–	0
14 - 27 DAYS	–	–	–	–	3	–	–	1	4
28 - 91 DAYS	–	–	–	–	5	–	–	1	6
92 DAYS - 6 MONTHS	–	–	–	–	5	–	–	–	5
6 MONTHS - 1 YEAR	–	–	–	–	1	–	–	2	3
INFANT	–	–	1	–	33	–	–	5	39
NEONATAL	–	–	1	–	22	–	–	2	25
POST-NEONATAL	–	–	–	–	11	–	–	3	14
STILLBIRTHS	2	3	6	–	37	–	1	5	54
PERINATAL	2	3	7	–	56	–	1	6	75

NOTE: INFANT IS A DEATH UNDER 1 YEAR OF AGE.
NEONATAL IS A DEATH UNDER 28 DAYS OF AGE, EXCLUDING STILLBIRTHS.
POST-NEONATAL IS AN INFANT DEATH AT 28 DAYS OF AGE OR OVER.
PERINATAL IS A DEATH AT LESS THAN 7 DAYS OF AGE OR A STILLBIRTH.
ONE SOUTH CENTRAL DEATH UNDER 1 DAY OLD NOT CODED TO SEX.
FOUR WINNIPEG STILLBIRTH NOT CODED TO SEX.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

MANITOBA BUREAU OF STATISTICS

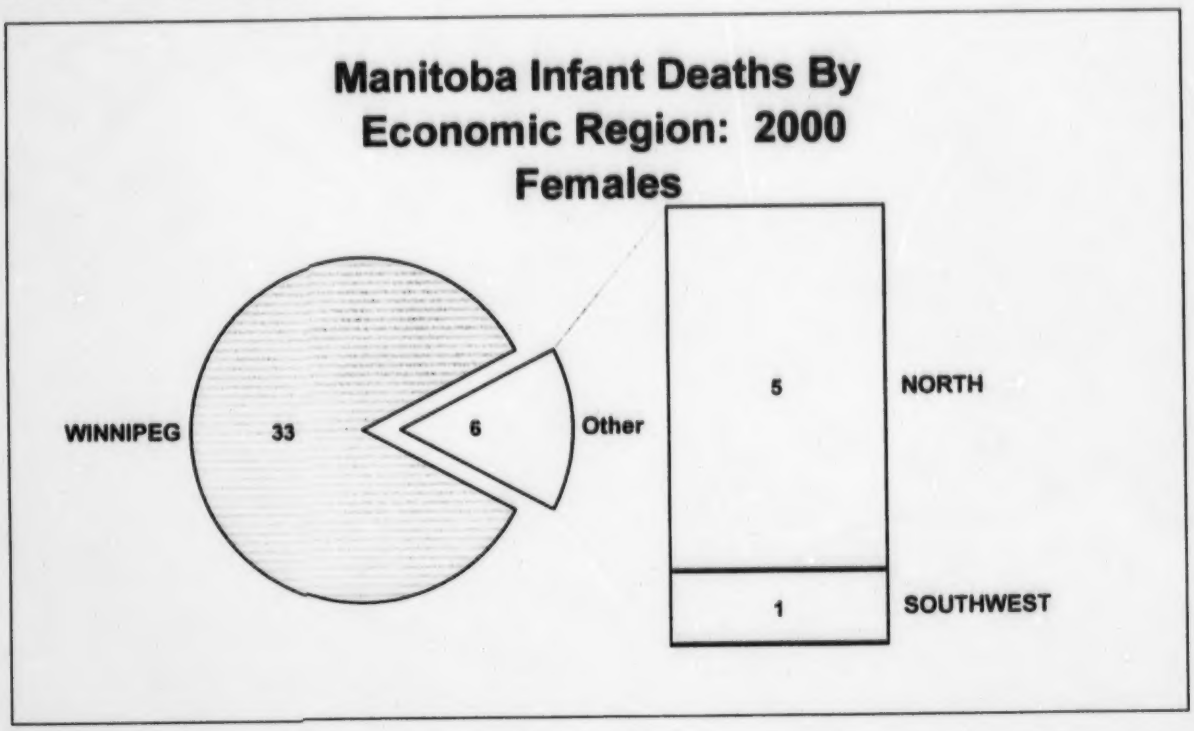


TABLE D2 INFANT DEATHS BY AGE AND ECONOMIC REGION: 2000 MALES

AGE	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1 DAY	–	–	1	1	11	–	–	1	14
1 - 6 DAYS	–	–	–	–	9	–	–	–	9
7 - 13 DAYS	–	–	–	–	3	–	–	–	3
14 - 27 DAYS	–	–	1	–	1	–	–	–	2
28 - 91 DAYS	–	–	–	–	9	1	–	–	10
92 DAYS - 6 MONTHS	–	–	–	1	4	–	–	–	5
6 MONTHS - 1 YEAR	–	–	–	–	3	1	–	2	6
INFANT	–	–	2	2	40	2	–	3	49
NEONATAL	–	–	2	1	24	–	–	1	28
POST-NEONATAL	–	–	–	1	16	2	–	2	21
STILLBIRTHS	1	–	6	2	52	–	3	8	72
PERINATAL	1	–	7	3	72	–	3	9	95

NOTE: INFANT IS A DEATH UNDER 1 YEAR OF AGE.
NEONATAL IS A DEATH UNDER 28 DAYS OF AGE, EXCLUDING STILLBIRTHS.
POST-NEONATAL IS AN INFANT DEATH AT 28 DAYS OF AGE OR OVER.
PERINATAL IS A DEATH AT LESS THAN 7 DAYS OF AGE OR A STILLBIRTH.
ONE SOUTH CENTRAL DEATH UNDER 1 DAY OLD NOT CODED TO SEX.
FOUR WINNIPEG STILLBIRTH NOT CODED TO SEX.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

MANITOBA BUREAU OF STATISTICS

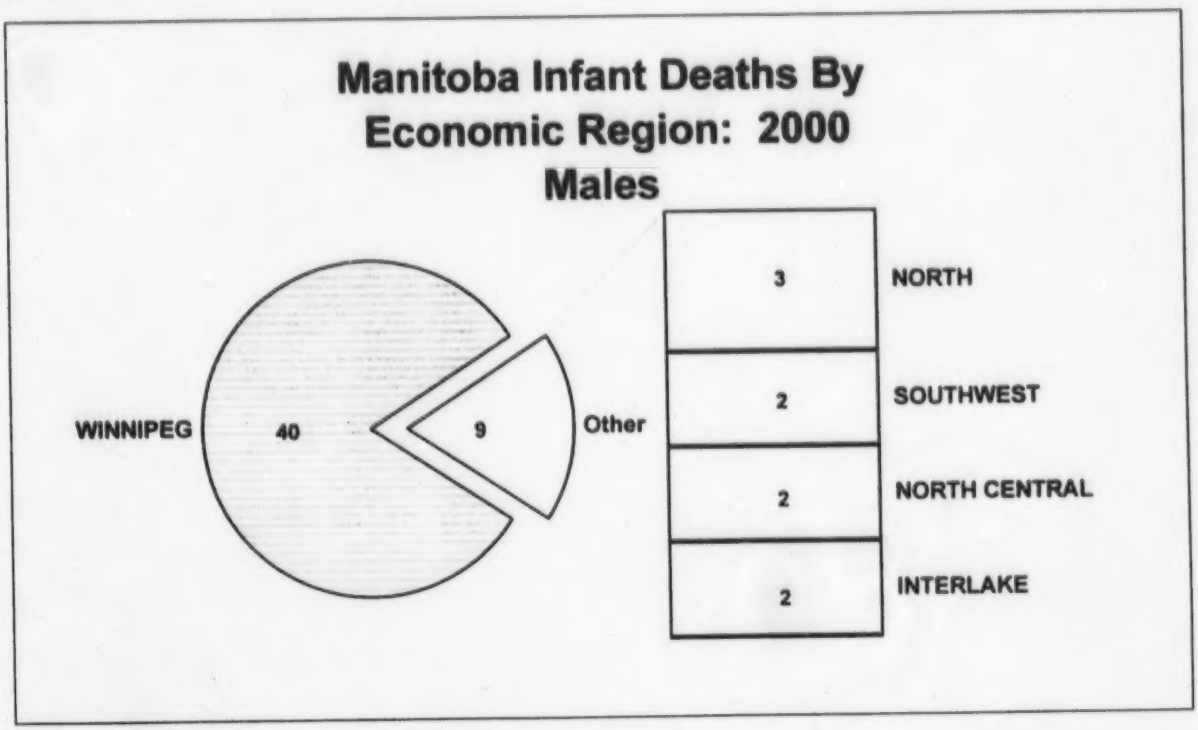


TABLE D3 INFANT DEATHS BY AGE AND ECONOMIC REGION: 2000 BOTH SEXES

AGE	SOUTH EAST	SOUTH CENTRAL	SOUTH WEST	NORTH CENTRAL	WINNIPEG	INTERLAKE	PARKLANDS	NORTH	MANITOBA
UNDER 1 DAY	–	1	2	1	26	–	–	2	32
1 - 6 DAYS	–	–	–	–	13	–	–	–	13
7 - 13 DAYS	–	–	–	–	3	–	–	–	3
14 - 27 DAYS	–	–	1	–	4	–	–	1	6
28 - 91 DAYS	–	–	–	–	14	1	–	1	16
92 DAYS - 6 MONTHS	–	–	–	1	9	–	–	–	10
6 MONTHS - 1 YEAR	–	–	–	–	4	1	–	4	9
INFANT	–	1	3	2	73	2	–	8	89
NEONATAL	–	1	3	1	46	–	–	3	54
POST-NEONATAL	–	–	–	1	27	2	–	5	35
STILLBIRTHS	3	3	12	2	93	–	4	13	130
PERINATAL	3	4	14	3	132	–	4	15	175

NOTE: INFANT IS A DEATH UNDER 1 YEAR OF AGE.
NEONATAL IS A DEATH UNDER 28 DAYS OF AGE, EXCLUDING STILLBIRTHS.
POST-NEONATAL IS AN INFANT DEATH AT 28 DAYS OF AGE OR OVER.
PERINATAL IS A DEATH AT LESS THAN 7 DAYS OF AGE OR A STILLBIRTH.

DATA SOURCE: VITAL STATISTICS AGENCY, MANITOBA CONSUMER AND CORPORATE AFFAIRS

MANITOBA BUREAU OF STATISTICS